

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009196.D
 Acq On : 26 Apr 2019 17:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 27 04:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142041	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119312	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	5.50	113	88226	42.95	ug/l	0.00
Spiked Amount			Recovery	=	85.90%	
50) Toluene-d8	8.71	98	352903	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	
62) 4-Bromofluorobenzene	11.13	95	132049	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	102172	45.187	ug/l	99
3) Chloromethane	1.32	50	124775	44.949	ug/l	99
4) Vinyl Chloride	1.41	62	120983	44.779	ug/l	100
5) Bromomethane	1.64	94	61905	37.622	ug/l	96
6) Chloroethane	1.71	64	80602	50.733	ug/l	96
7) Trichlorofluoromethane	1.92	101	141197	44.761	ug/l	99
8) Diethyl Ether	2.19	74	65563	45.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87267	43.269	ug/l	99
10) Methyl Iodide	2.51	142	77983	36.656	ug/l	100
11) Tert butyl alcohol	3.06	59	161759	263.410	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89536	42.531	ug/l	98
13) Acrolein	2.29	56	107361	202.337	ug/l	99
14) Allyl chloride	2.73	41	215660	46.956	ug/l	99
15) Acrylonitrile	3.14	53	379330	243.336	ug/l	99
16) Acetone	2.45	43	353608	246.475	ug/l	99
17) Carbon Disulfide	2.57	76	251718	40.924	ug/l	99
18) Methyl Acetate	2.78	43	175400	48.986	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348822	46.503	ug/l	99
20) Methylene Chloride	2.85	84	107145	43.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94132	41.922	ug/l	96
22) Diisopropyl ether	3.86	45	418949	46.942	ug/l	90
23) Vinyl Acetate	3.82	43	1890117	240.928	ug/l	99
24) 1,1-Dichloroethane	3.70	63	202466	45.193	ug/l	100
25) 2-Butanone	4.68	43	580748	253.247	ug/l	99
26) 2,2-Dichloropropane	4.59	77	143706	42.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	112938	44.300	ug/l	100
28) Bromochloromethane	5.02	49	84333	45.132	ug/l	99
29) Tetrahydrofuran	5.13	42	376889	245.548	ug/l	99
30) Chloroform	5.21	83	185124	46.177	ug/l	97
31) Cyclohexane	5.58	56	191661	43.496	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	152163	45.795	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139994	42.293	ug/l	98
37) Ethyl Acetate	4.84	43	209624	49.215	ug/l	100
38) Carbon Tetrachloride	5.78	117	126062	44.923	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172332	42.761	ug/l	99
40) Benzene	6.14	78	435992	44.649	ug/l	99
41) Methacrylonitrile	5.04	41	118513	48.481	ug/l	99
42) 1,2-Dichloroethane	6.20	62	156052	45.113	ug/l	99
43) Isopropyl Acetate	6.45	43	328609	47.875	ug/l	100
44) Trichloroethene	7.21	130	102217	42.722	ug/l	99
45) 1,2-Dichloropropane	7.51	63	124624	46.003	ug/l	100
46) Dibromomethane	7.66	93	70454	44.687	ug/l	100
47) Bromodichloromethane	7.90	83	143718	46.476	ug/l	99
48) Methyl methacrylate	7.77	41	166156	48.991	ug/l	99
49) 1,4-Dioxane	7.74	88	64748	1019.993	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1119025	255.904	ug/l	99
52) Toluene	8.79	92	265132	45.304	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165905	46.618	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	182662	45.839	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106463	45.900	ug/l	99
56) Ethyl methacrylate	9.18	69	203195	48.857	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189486	45.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	500020	223.262	ug/l	99
59) 2-Hexanone	9.49	43	878762	260.655	ug/l	100
60) Dibromochloromethane	9.59	129	105433	47.429	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110190	46.030	ug/l	99
64) Tetrachloroethene	9.34	164	90356	40.652	ug/l	97
65) Chlorobenzene	10.14	112	270991	43.881	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	98058	45.073	ug/l	99
67) Ethyl Benzene	10.25	91	507162	44.925	ug/l	99
68) m/p-Xylenes	10.36	106	370893	90.401	ug/l	99
69) o-Xylene	10.69	106	181311	45.418	ug/l	98
70) Styrene	10.71	104	319405	46.171	ug/l	99
71) Bromoform	10.86	173	82705	47.717	ug/l #	99
73) Isopropylbenzene	11.02	105	483583	44.915	ug/l	100
74) N-amyl acetate	10.90	43	303887	49.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184269	46.842	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	221194	63.775	ug/l	79
77) Bromobenzene	11.26	156	118587	43.655	ug/l	99
78) n-propylbenzene	11.36	91	557075	45.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	336735	45.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411238	45.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62553	46.302	ug/l	97
82) 4-Chlorotoluene	11.51	91	384741	44.487	ug/l	100
83) tert-Butylbenzene	11.77	119	404617	46.646	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	413424	44.953	ug/l	100
85) sec-Butylbenzene	11.94	105	469717	45.403	ug/l	100
86) p-Isopropyltoluene	12.06	119	425963	44.784	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211056	44.391	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210856	43.749	ug/l	100
89) n-Butylbenzene	12.39	91	389430	43.963	ug/l	100
90) Hexachloroethane	12.60	117	71737	45.723	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	216207	46.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42958	47.961	ug/l	100

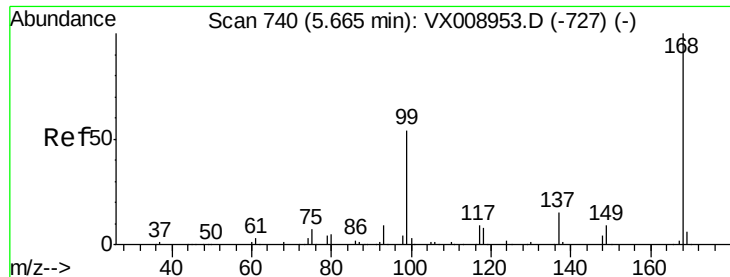
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148355	43.775	ug/l	99
94) Hexachlorobutadiene	13.78	225	73639	43.566	ug/l	98
95) Naphthalene	13.83	128	506256	46.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151249	45.231	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

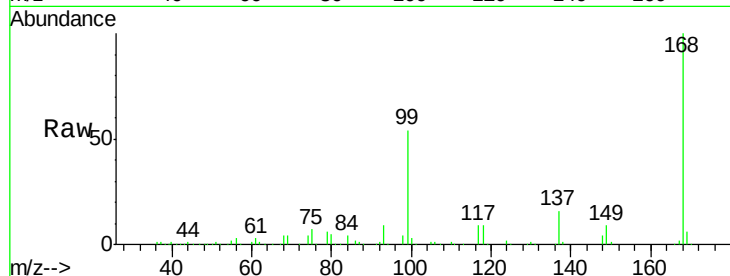
VSTDCCC050EC

Tot Ion:168 Resp: 196308

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

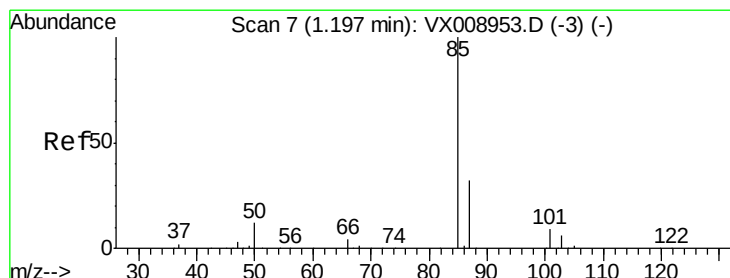
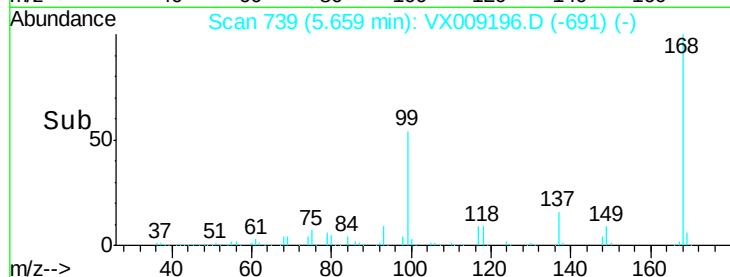
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009196.D

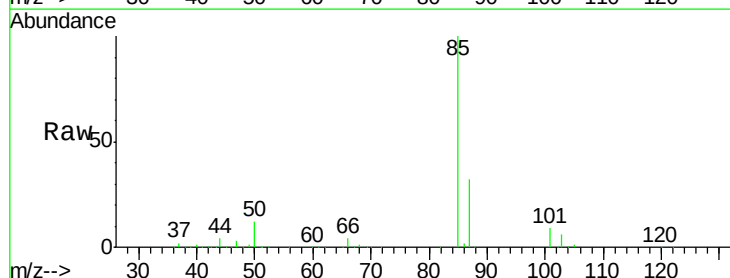
Acq: 26 Apr 2019 17:44

Tgt Ion: 85 Resp: 102172

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

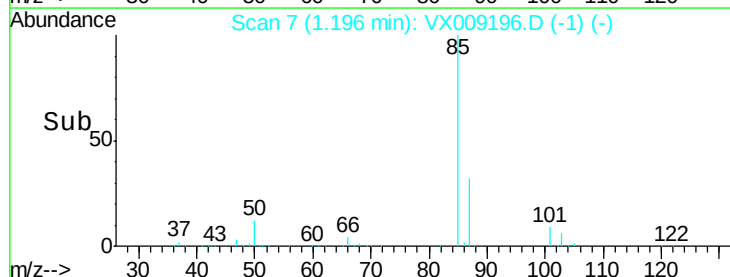
60000

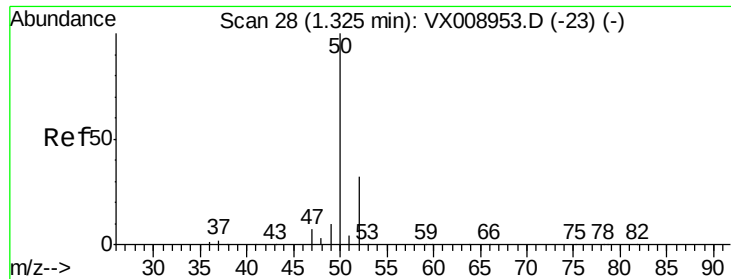
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 44.949 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

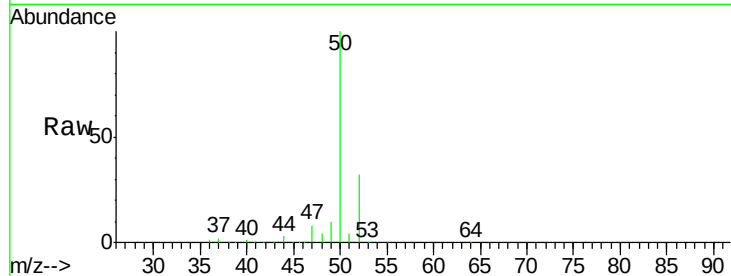
VSTDCCC050EC

Tot Ion: 50 Resp: 124775

Ion Ratio Lower Upper

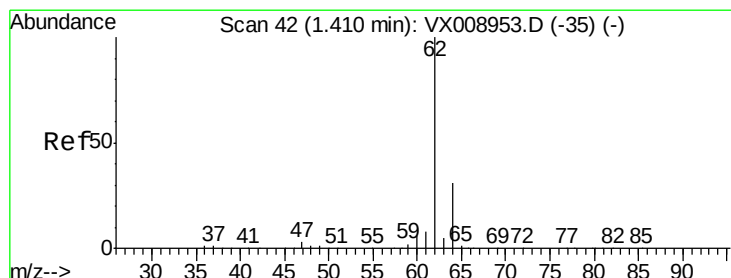
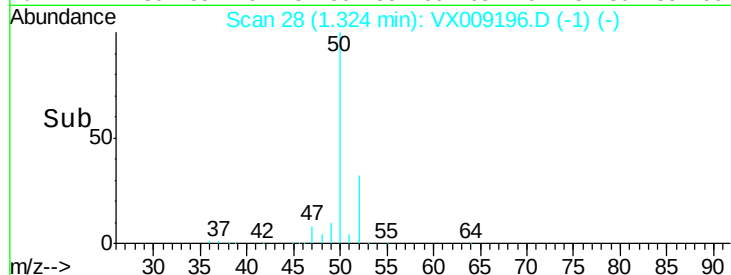
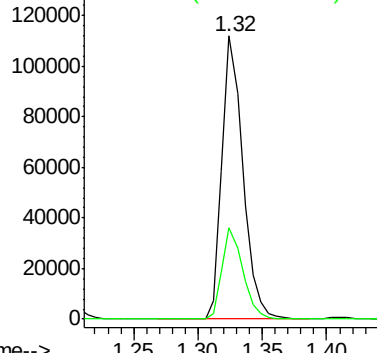
50 100

52 32.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.779 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009196.D

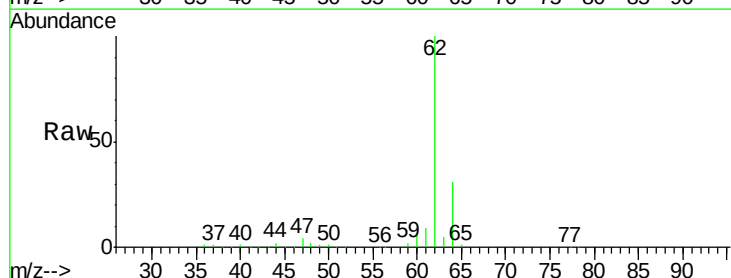
Acq: 26 Apr 2019 17:44

Tgt Ion: 62 Resp: 120983

Ion Ratio Lower Upper

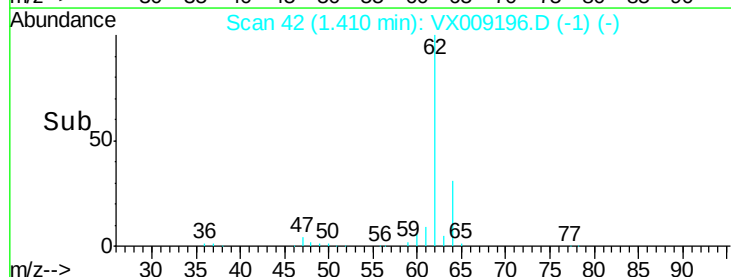
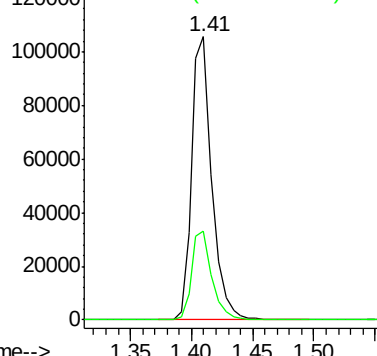
62 100

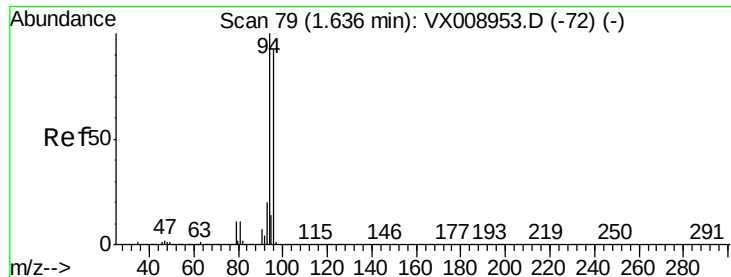
64 31.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.622 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

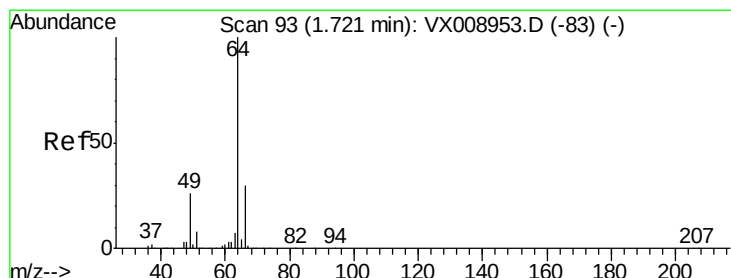
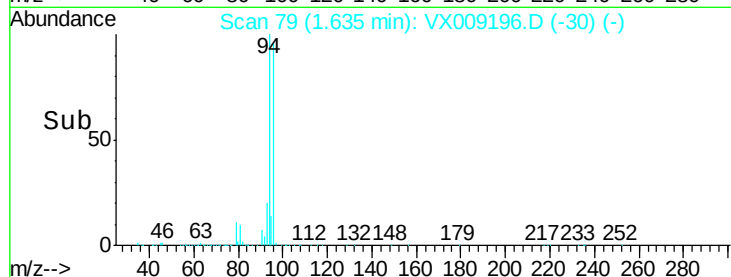
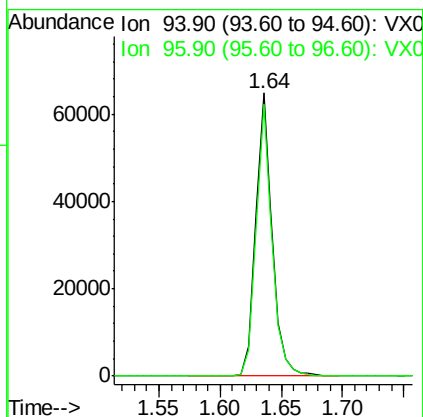
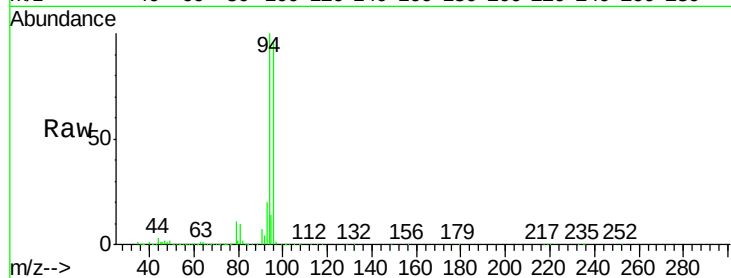
VSTDCCC050EC

Tot Ion: 94 Resp: 61905

Ion Ratio Lower Upper

94 100

96 96.1 73.9 110.9



#6

Chloroethane

Concen: 50.733 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009196.D

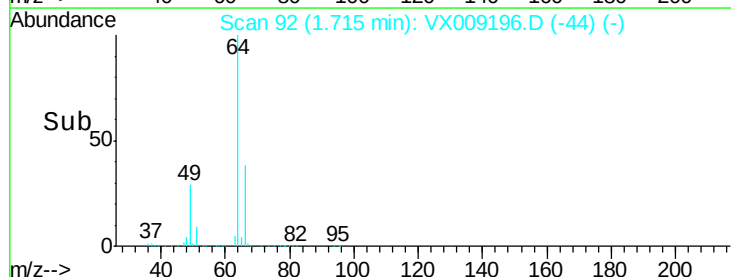
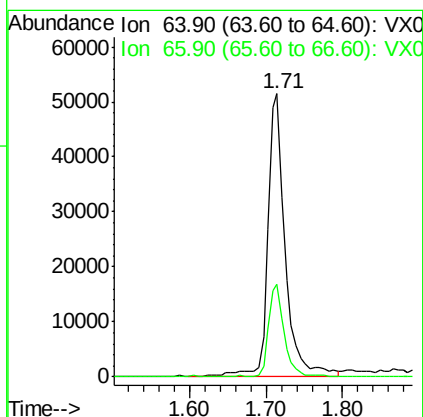
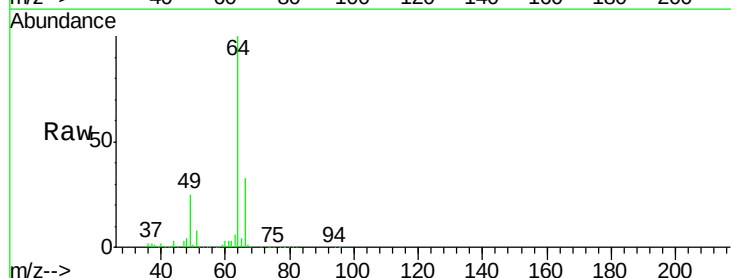
Acq: 26 Apr 2019 17:44

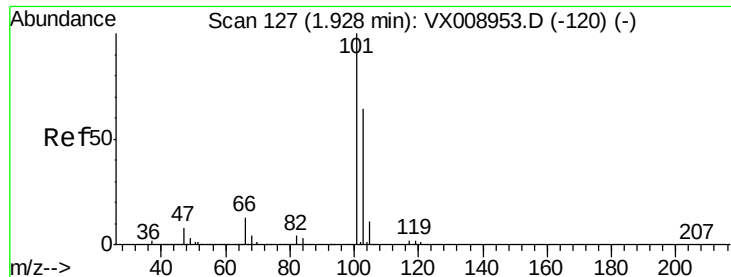
Tgt Ion: 64 Resp: 80602

Ion Ratio Lower Upper

64 100

66 32.5 24.2 36.2



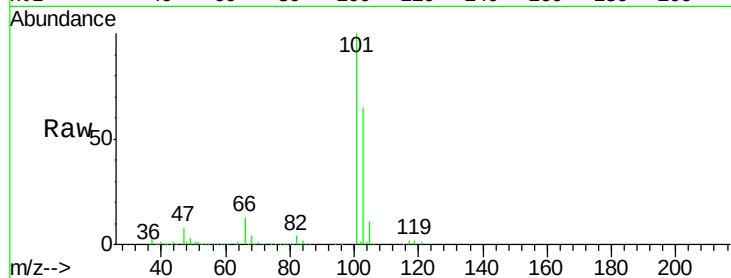


#7

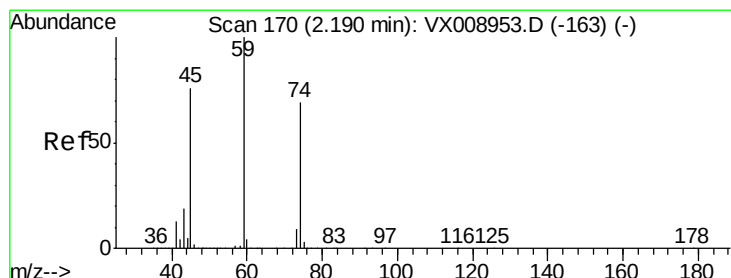
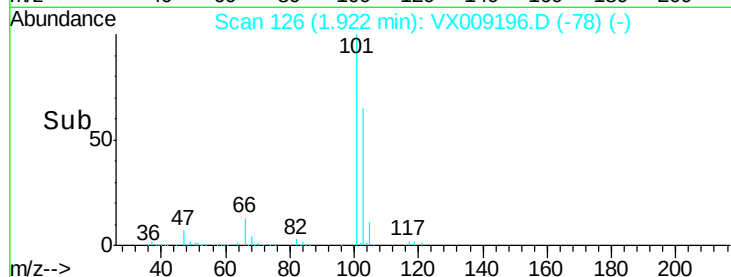
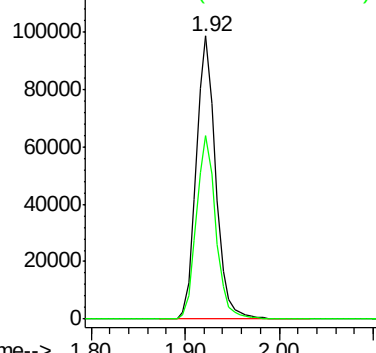
Trichlorofluoromethane
Concen: 44.761 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 141197
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6



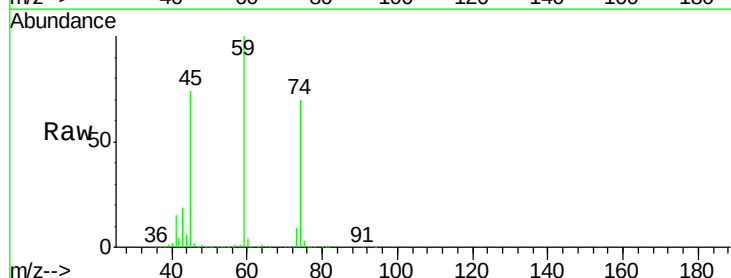
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



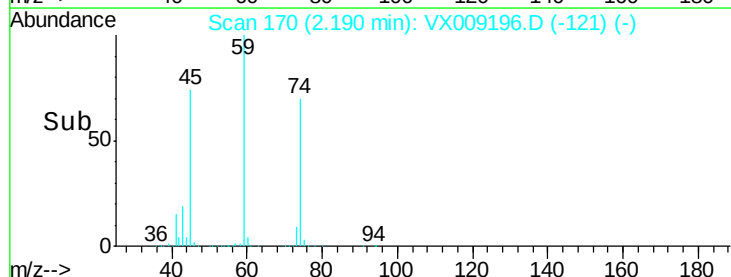
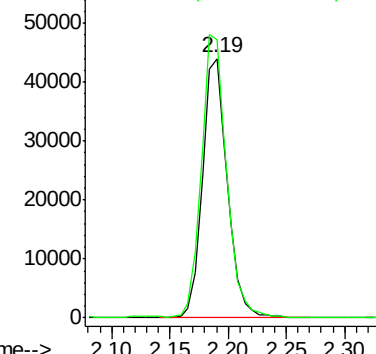
#8

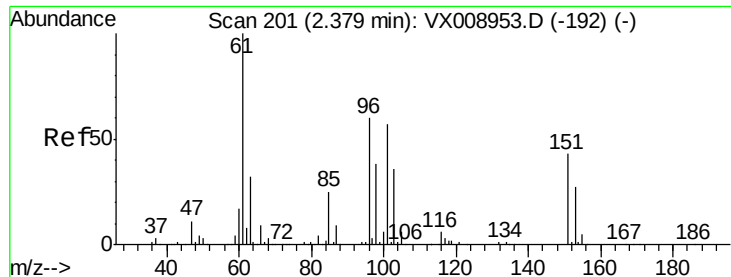
Diethyl Ether
Concen: 45.447 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 74 Resp: 65563
Ion Ratio Lower Upper
74 100
45 109.6 54.9 164.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.269 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

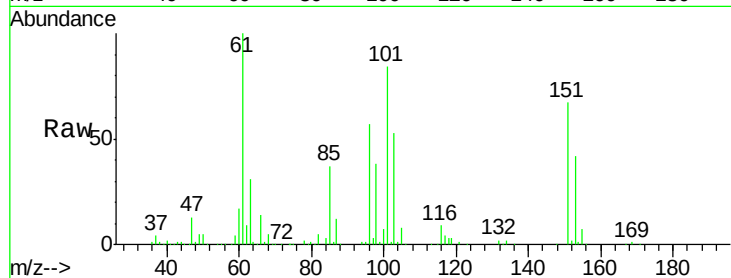
Tot Ion:101 Resp: 87267

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

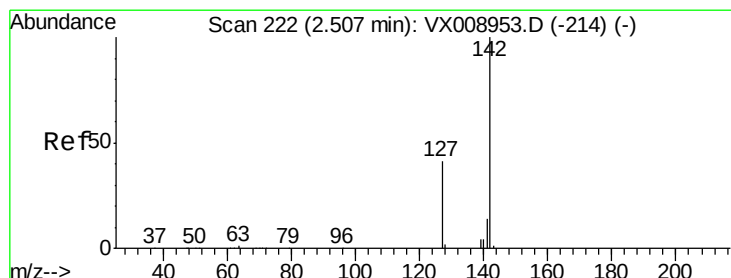
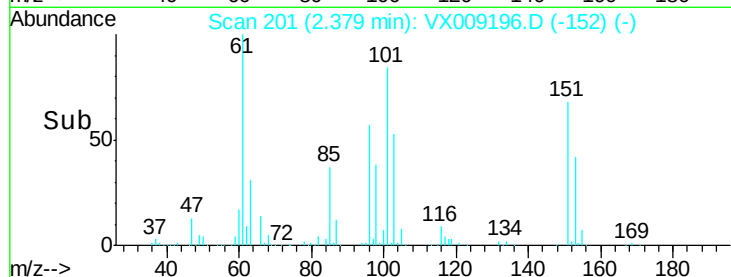
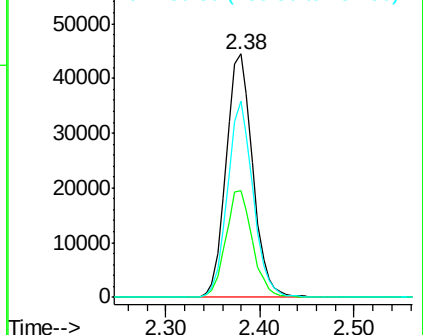
151 77.6 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.656 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

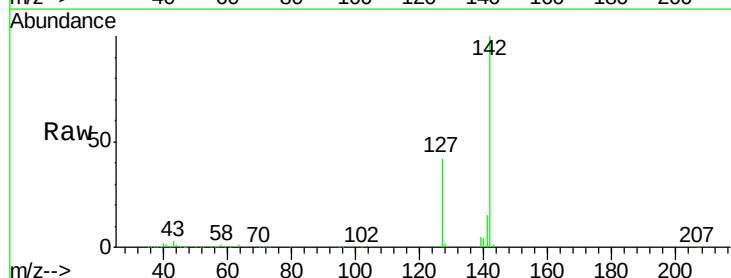
Tgt Ion:142 Resp: 77983

Ion Ratio Lower Upper

142 100

127 41.1 32.8 49.2

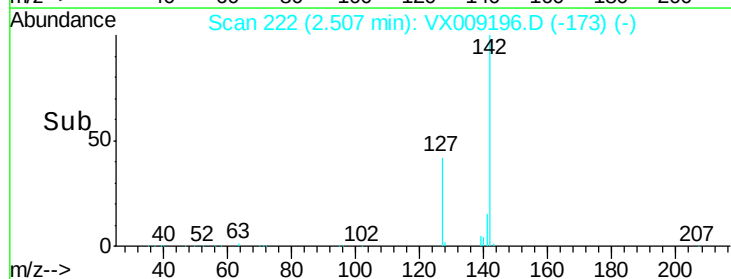
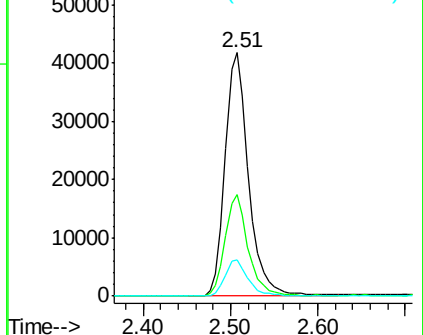
141 14.5 11.4 17.2

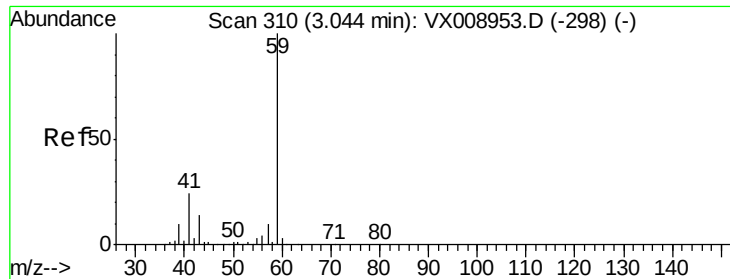


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

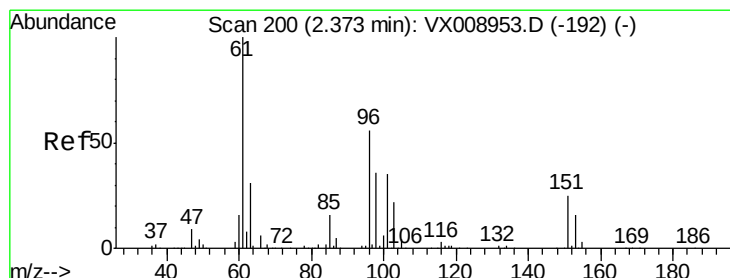
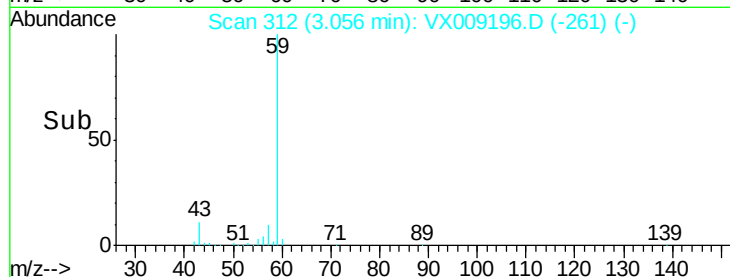
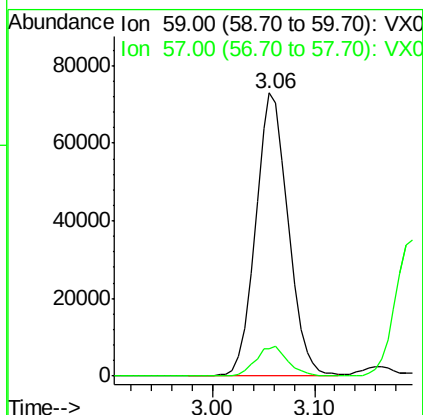
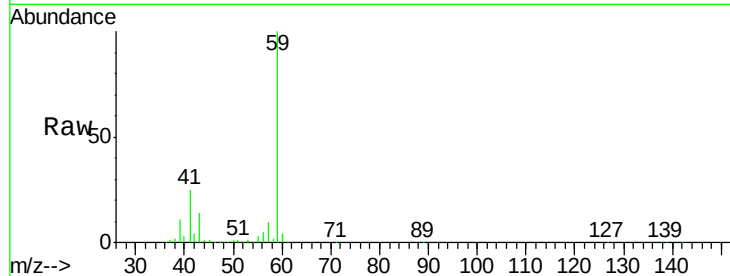




#11
Tert butyl alcohol
Concen: 263.410 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

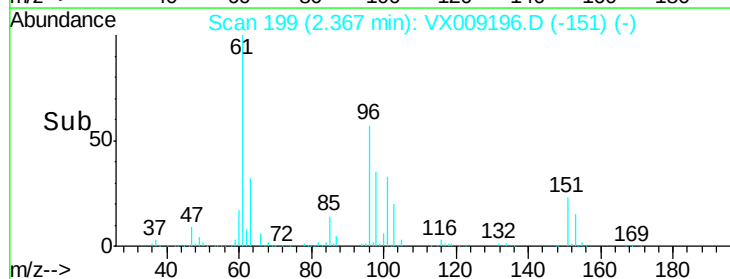
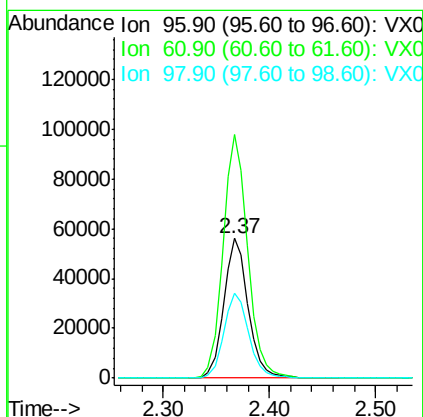
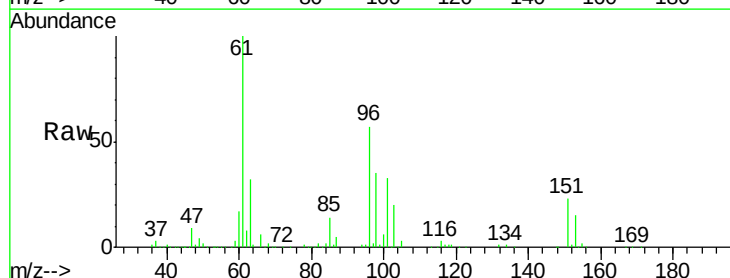
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

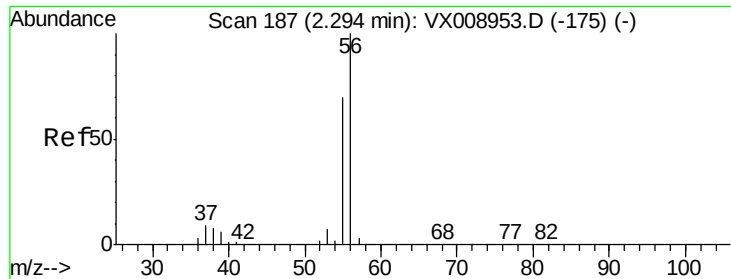
Tot Ion: 59 Resp: 161759
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 42.531 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 96 Resp: 89536
Ion Ratio Lower Upper
96 100
61 174.6 142.2 213.2
98 61.1 50.9 76.3





#13

Acrolein

Concen: 202.337 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

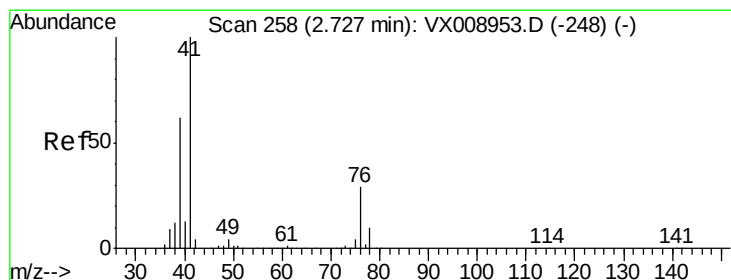
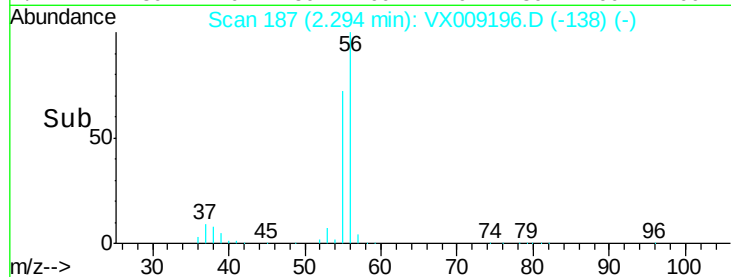
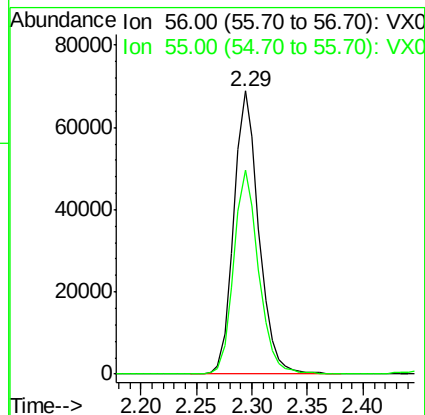
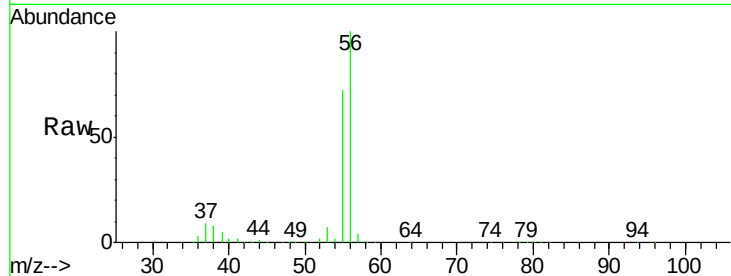
VSTDCCC050EC

Tot Ion: 56 Resp: 107361

Ion Ratio Lower Upper

56 100

55 71.4 56.6 84.8



#14

Allyl chloride

Concen: 46.956 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

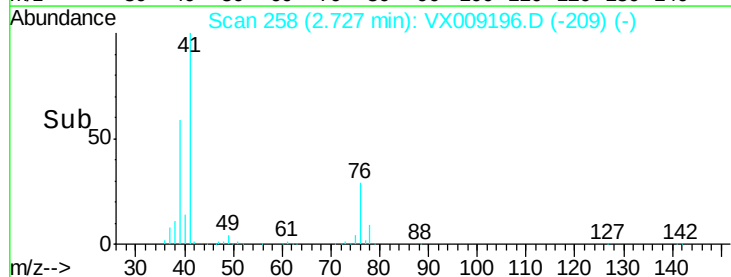
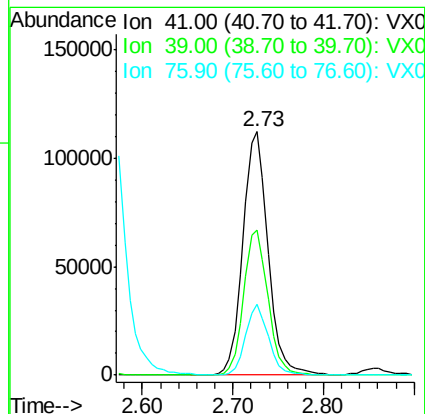
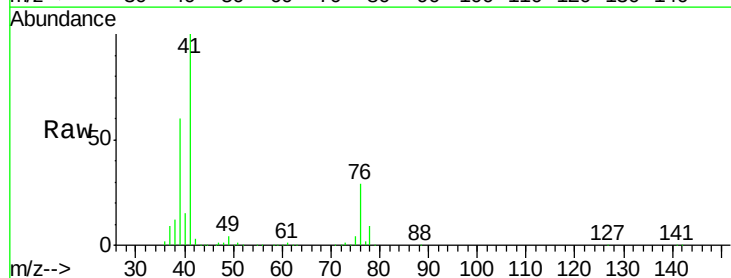
Tgt Ion: 41 Resp: 215660

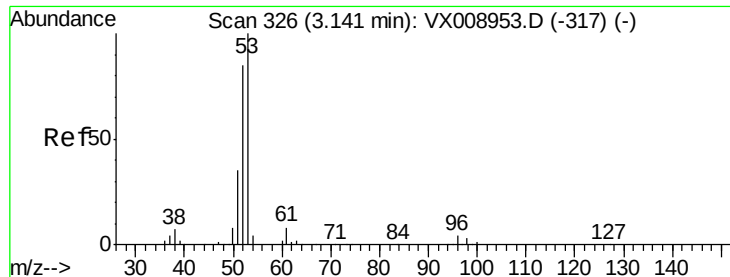
Ion Ratio Lower Upper

41 100

39 57.8 46.7 70.1

76 26.7 22.0 33.0





#15

Acrylonitrile

Concen: 243.336 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

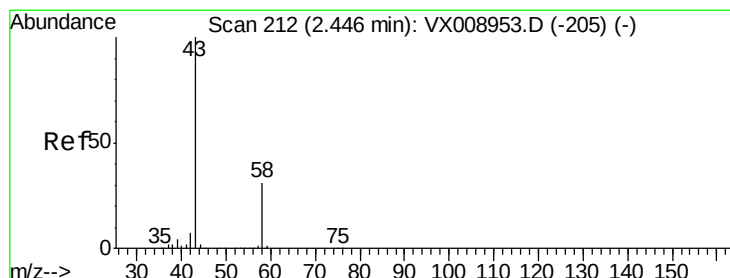
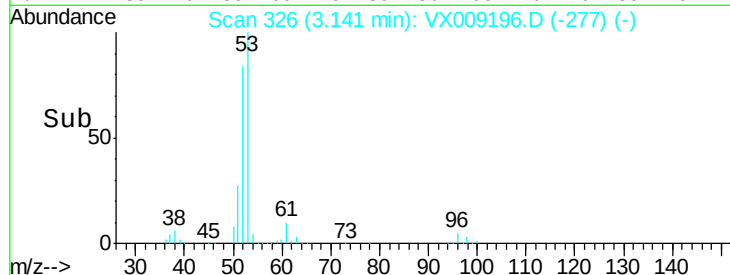
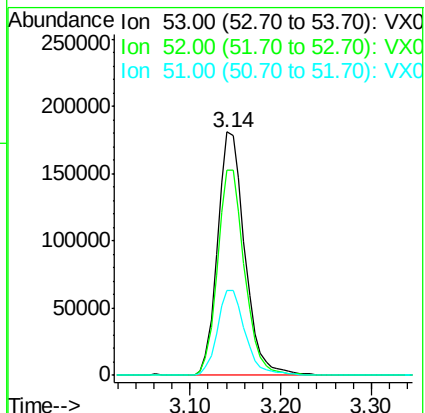
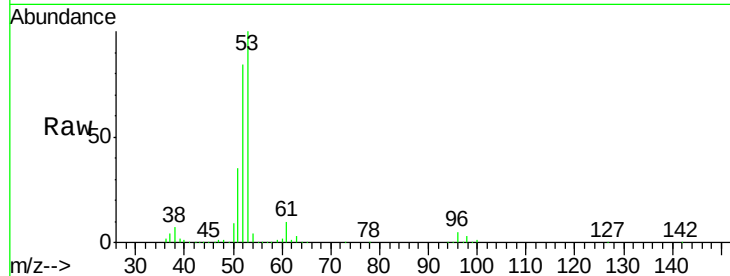
Tot Ion: 53 Resp: 379330

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 35.8 28.3 42.5



#16

Acetone

Concen: 246.475 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009196.D

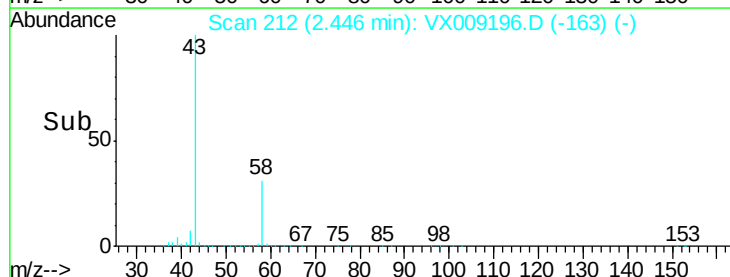
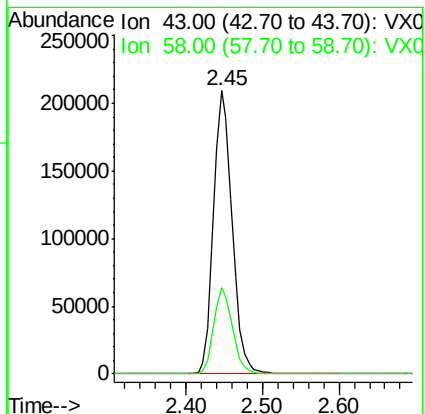
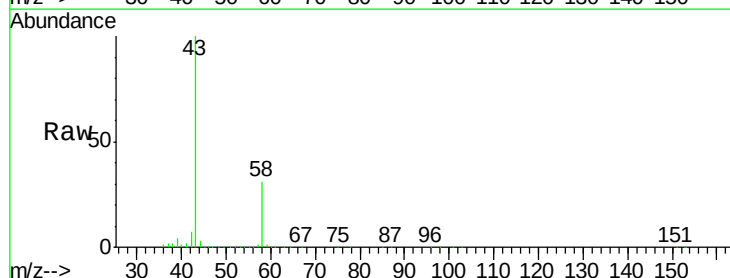
Acq: 26 Apr 2019 17:44

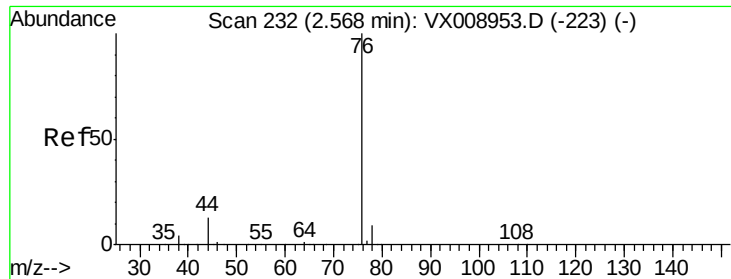
Tgt Ion: 43 Resp: 353608

Ion Ratio Lower Upper

43 100

58 30.6 24.8 37.2





#17

Carbon Disulfide

Concen: 40.924 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

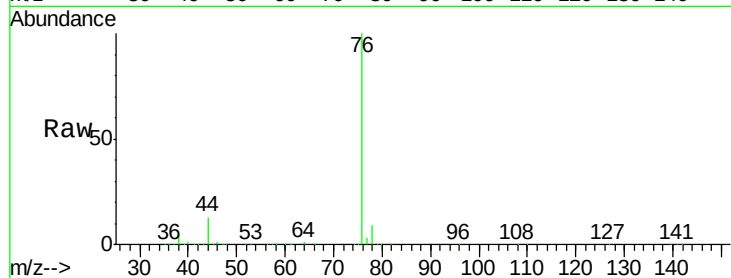
VSTDCCC050EC

Tot Ion: 76 Resp: 251718

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

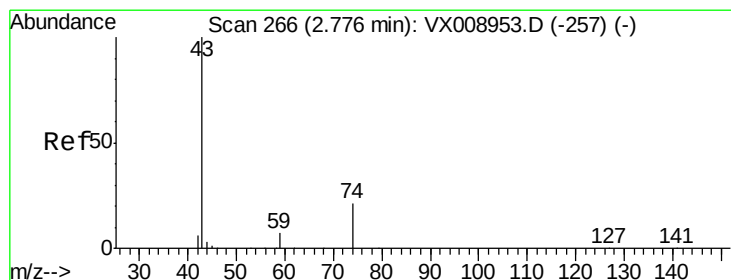
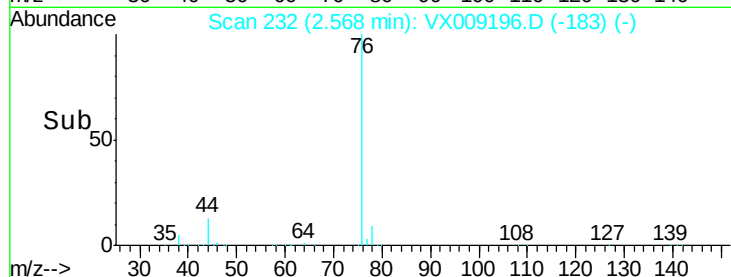
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.986 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009196.D

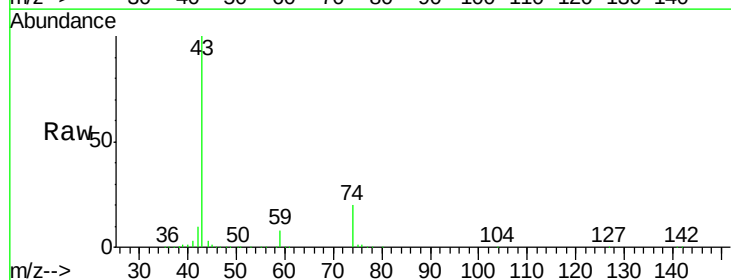
Acq: 26 Apr 2019 17:44

Tgt Ion: 43 Resp: 175400

Ion Ratio Lower Upper

43 100

74 19.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

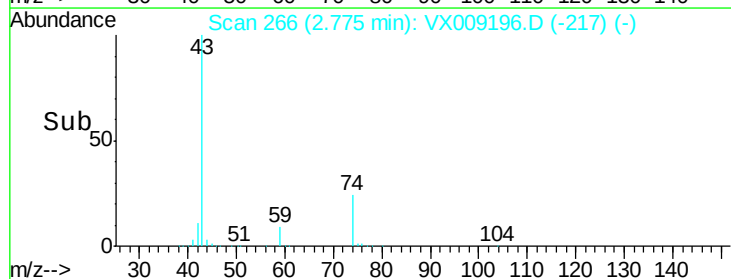
40000

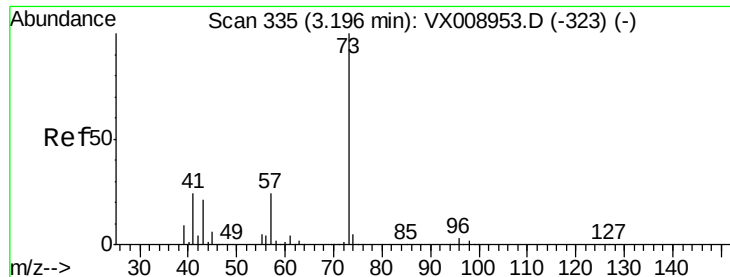
20000

0

Time-->

2.70 2.80 2.90

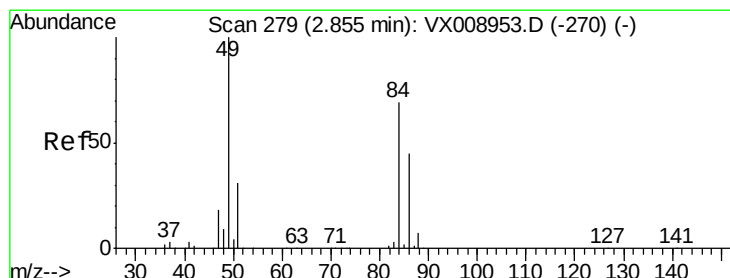
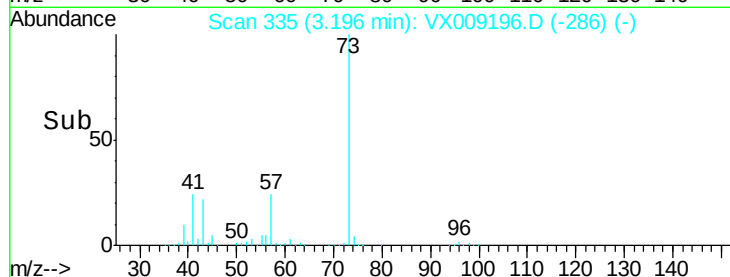
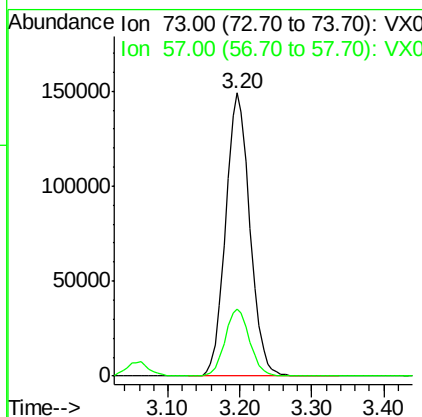
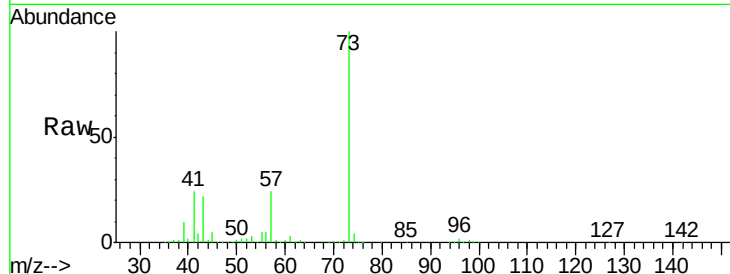




#19
Methyl tert-butyl Ether
Concen: 46.503 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

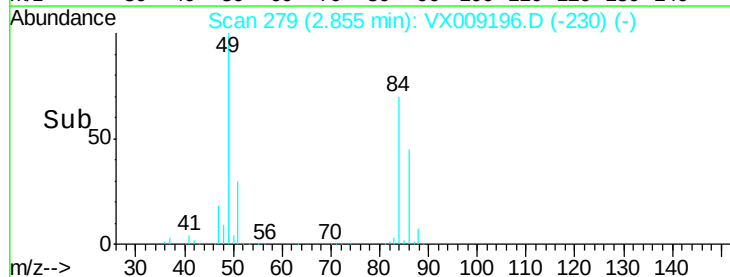
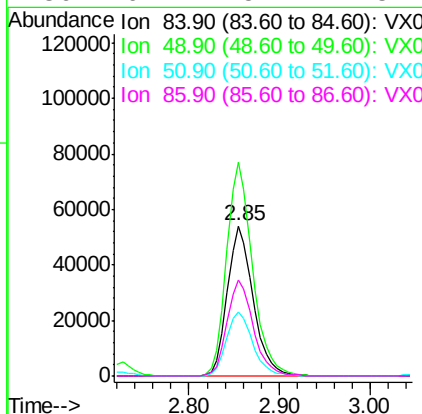
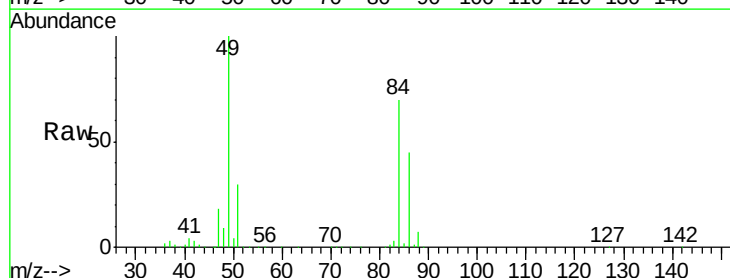
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

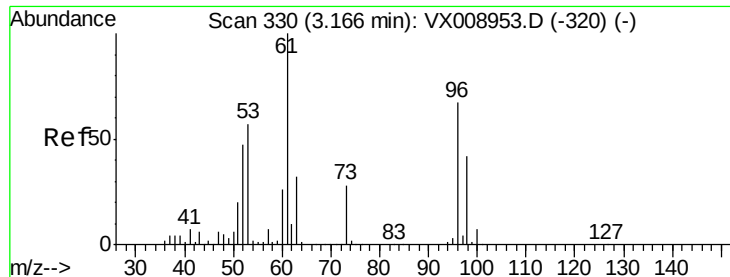
Tot Ion: 73 Resp: 348822
Ion Ratio Lower Upper
73 100
57 23.6 19.2 28.8



#20
Methylene Chloride
Concen: 43.671 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 84 Resp: 107145
Ion Ratio Lower Upper
84 100
49 142.0 115.4 173.0
51 42.2 35.8 53.6
86 64.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 41.922 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

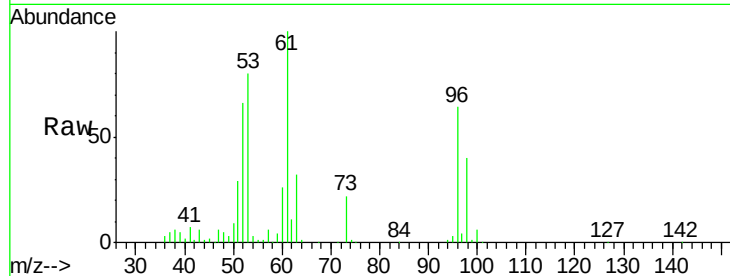
Tot Ion: 96 Resp: 94132

Ion Ratio Lower Upper

96 100

61 156.8 120.3 180.5

98 63.4 50.2 75.2

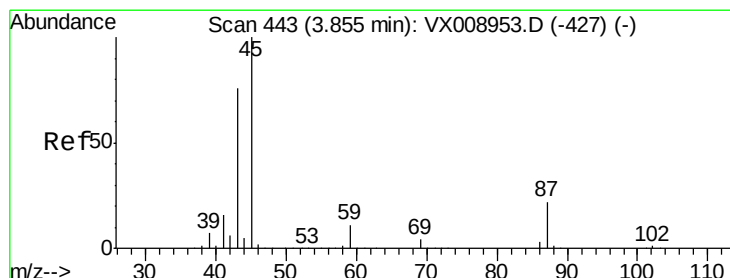
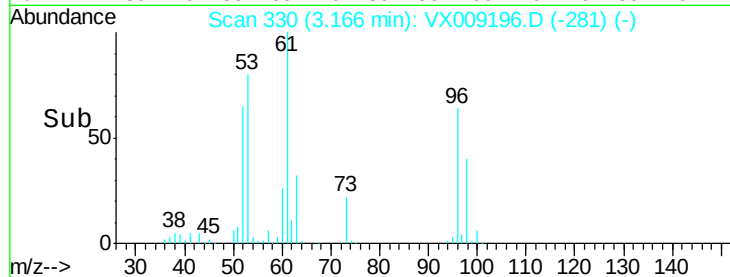
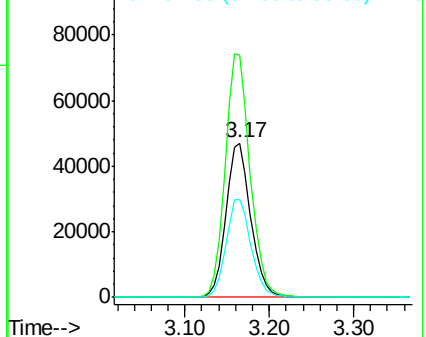


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.942 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion: 45 Resp: 418949

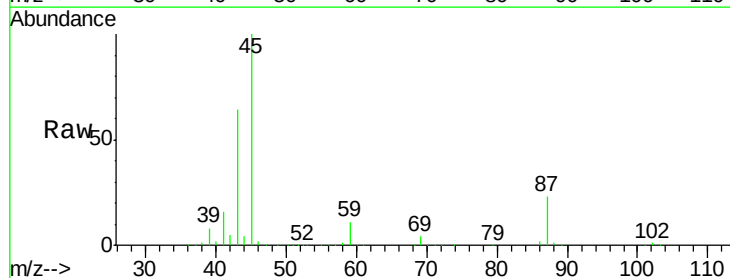
Ion Ratio Lower Upper

45 100

43 63.5 60.6 91.0

87 22.5 17.8 26.8

59 10.5 8.7 13.1



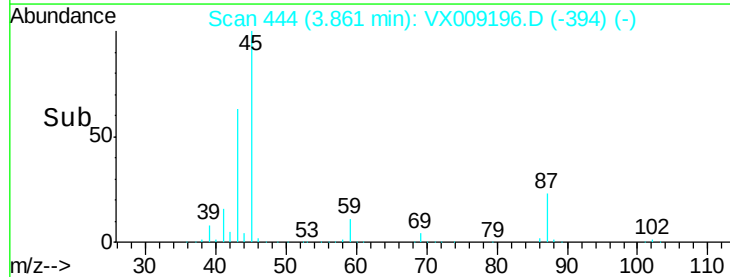
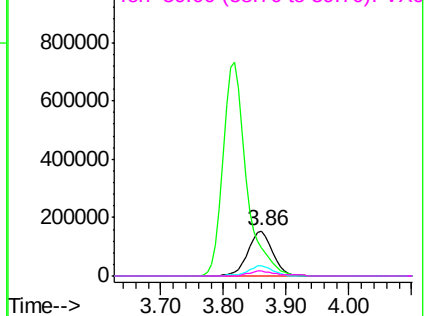
Abundance

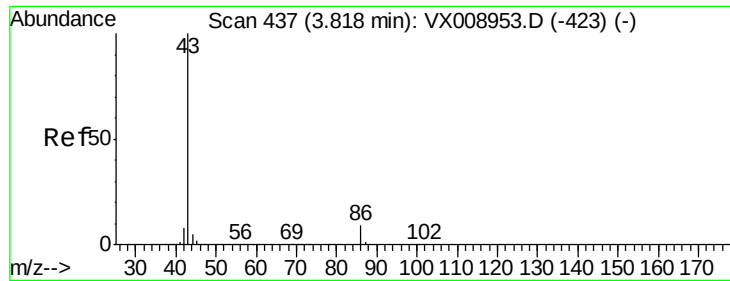
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.928 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

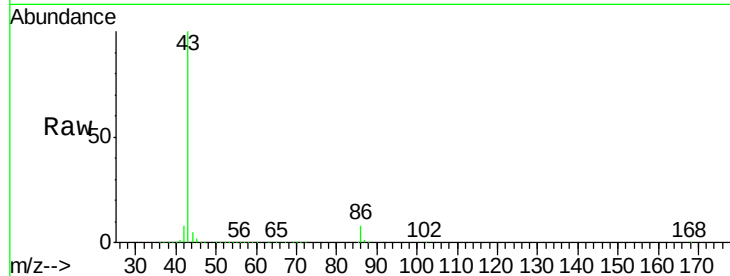
VSTDCCC050EC

Tot Ion: 43 Resp: 1890117

Ion Ratio Lower Upper

43 100

86 8.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

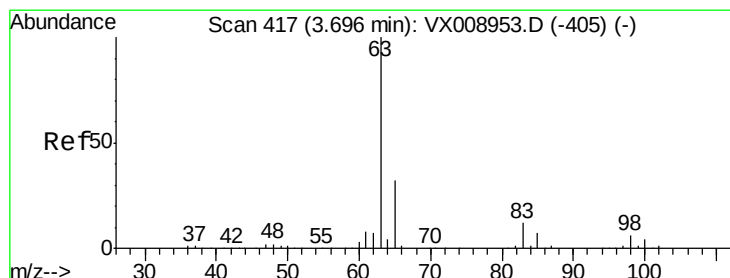
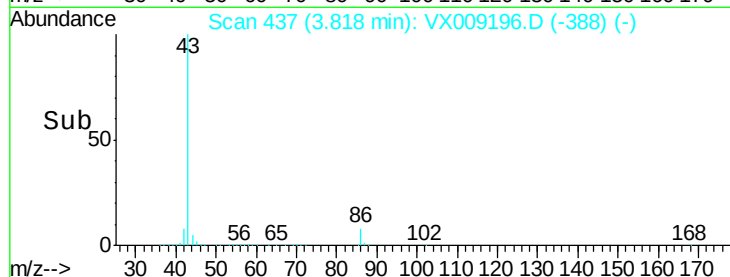
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 45.193 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

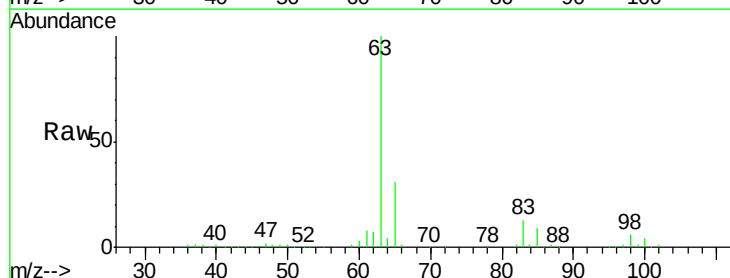
Tgt Ion: 63 Resp: 202466

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

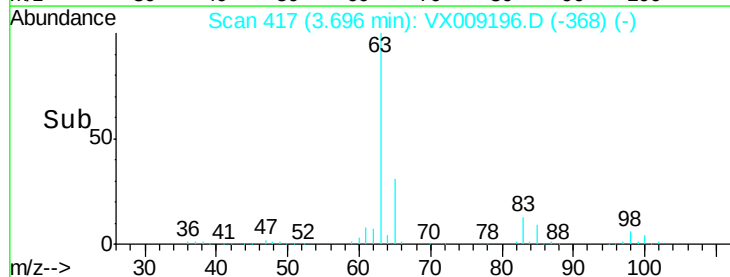
60000

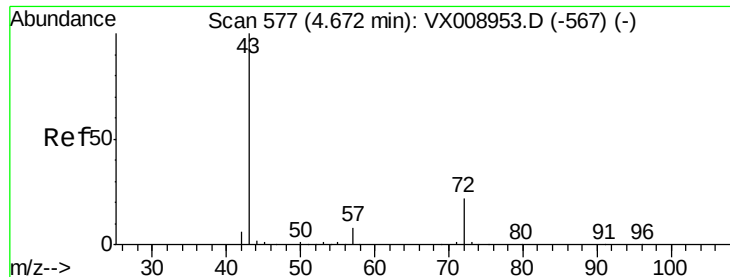
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 253.247 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

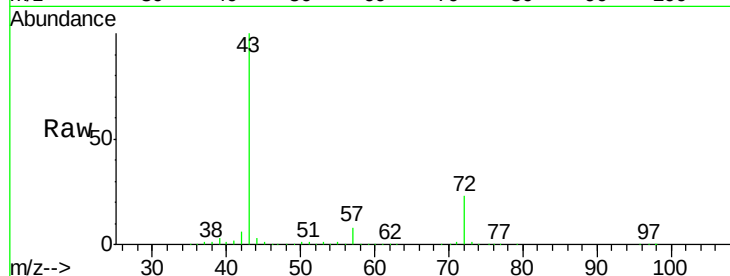
VSTDCCC050EC

Tot Ion: 43 Resp: 580748

Ion Ratio Lower Upper

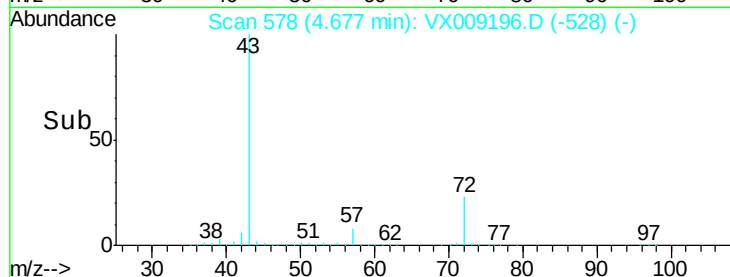
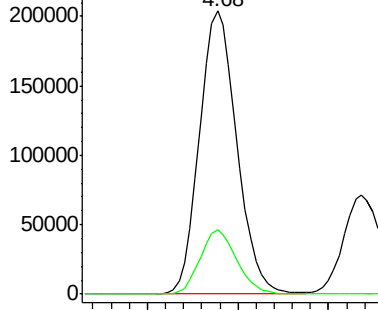
43 100

72 22.6 17.5 26.3

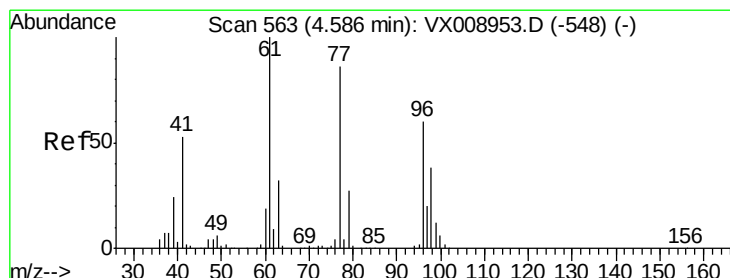


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 42.793 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009196.D

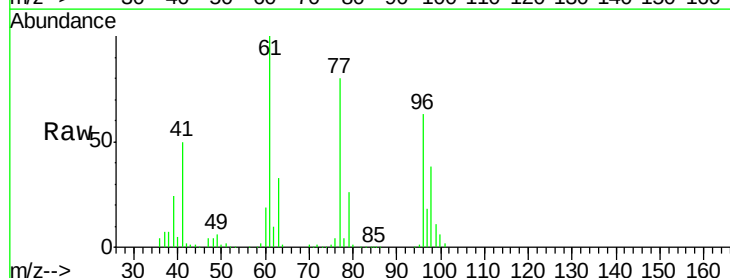
Acq: 26 Apr 2019 17:44

Tgt Ion: 77 Resp: 143706

Ion Ratio Lower Upper

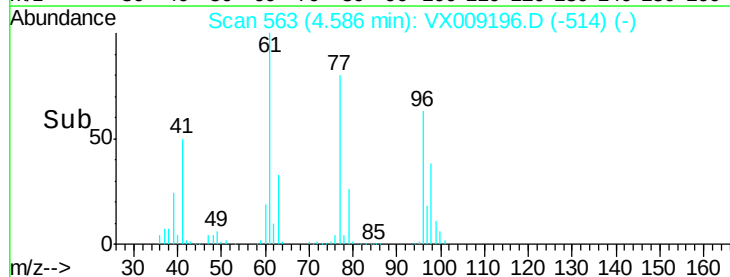
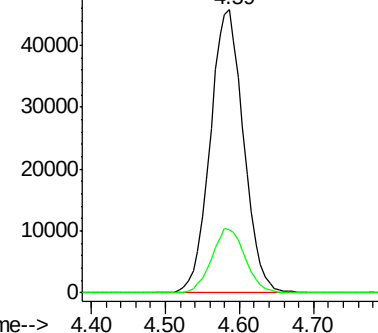
77 100

97 23.0 11.7 35.0

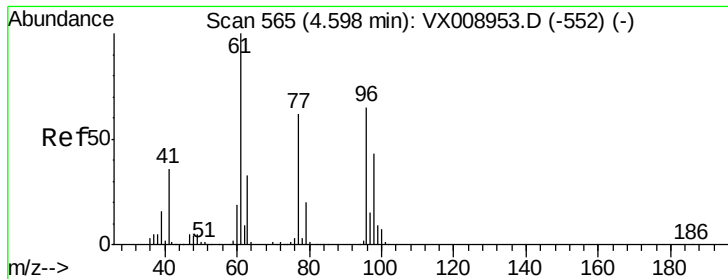


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

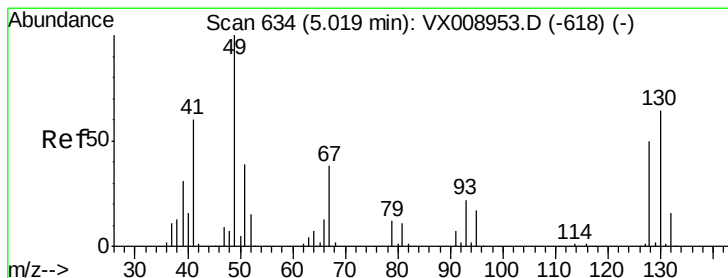
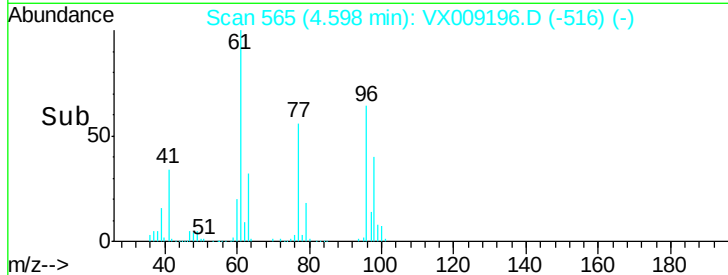
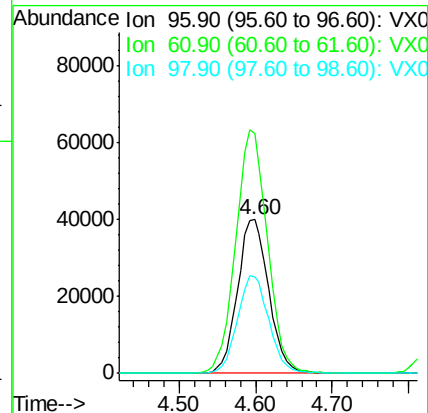
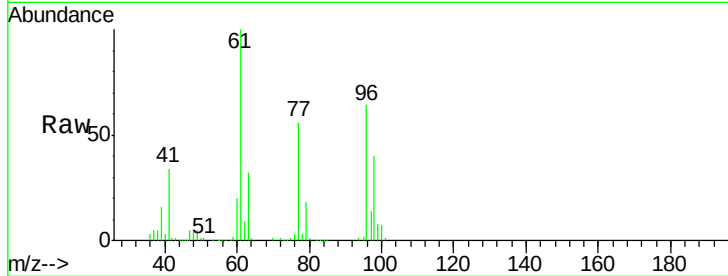


#27

cis-1,2-Dichloroethene
Concen: 44.300 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

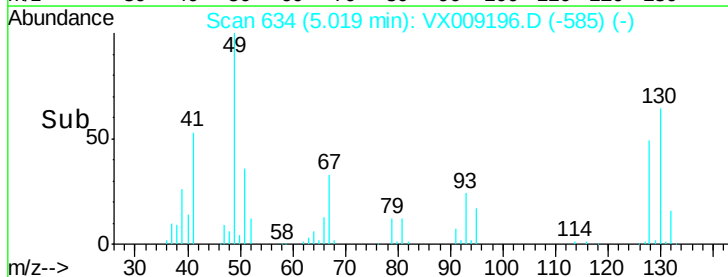
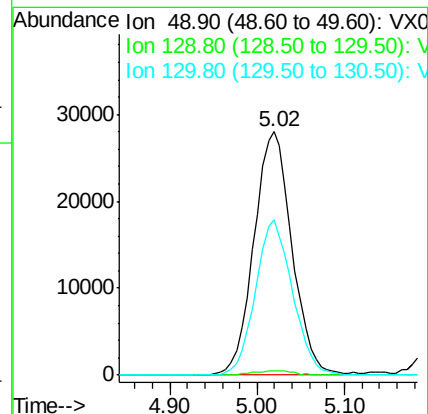
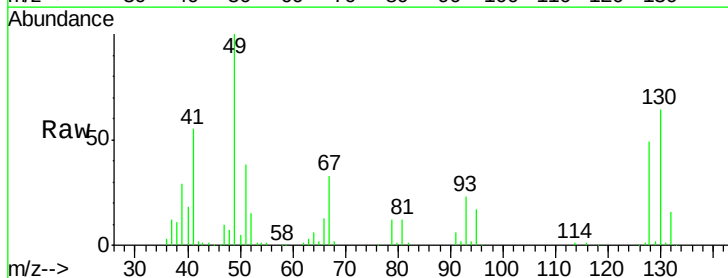
Tot Ion: 96 Resp: 112938
Ion Ratio Lower Upper
96 100
61 161.3 0.0 322.0
98 64.0 0.0 128.4

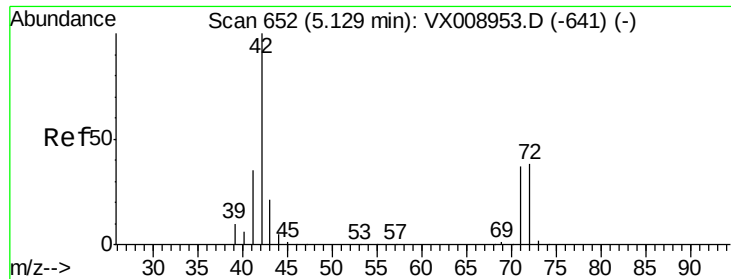


#28

Bromochloromethane
Concen: 45.132 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 49 Resp: 84333
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 62.3 50.4 75.6





#29

Tetrahydrofuran

Concen: 245.548 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

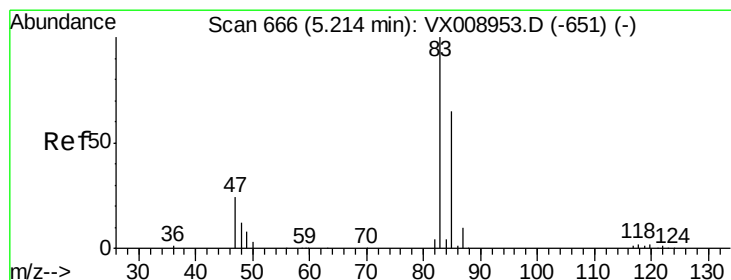
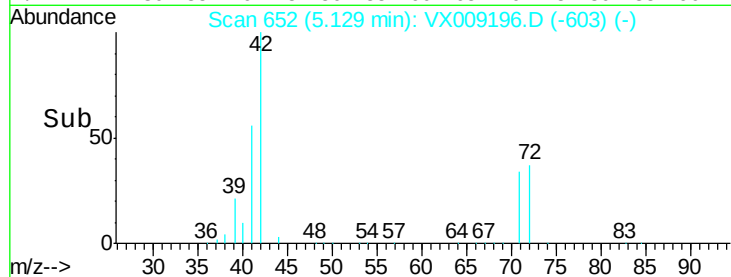
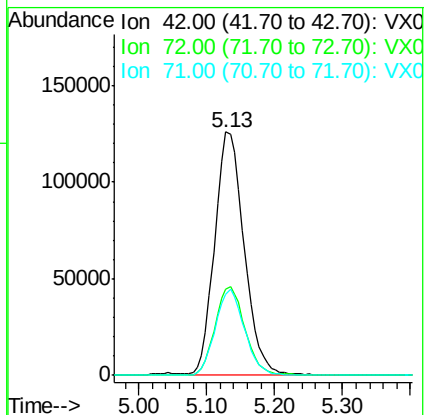
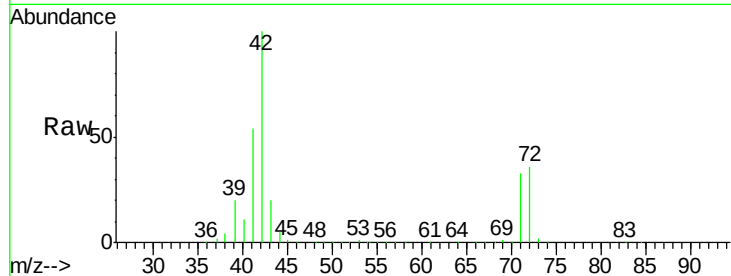
Tot Ion: 42 Resp: 376889

Ion Ratio Lower Upper

42 100

72 37.4 30.6 45.8

71 35.2 28.8 43.2



#30

Chloroform

Concen: 46.177 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009196.D

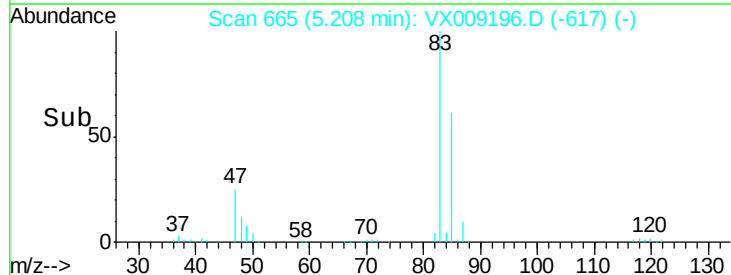
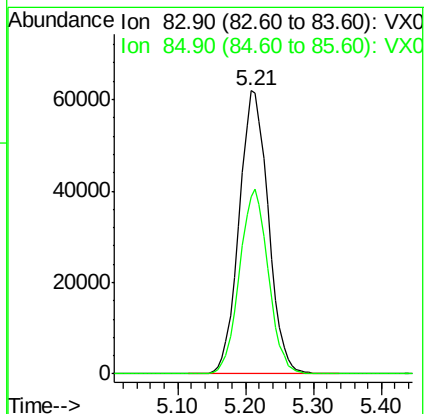
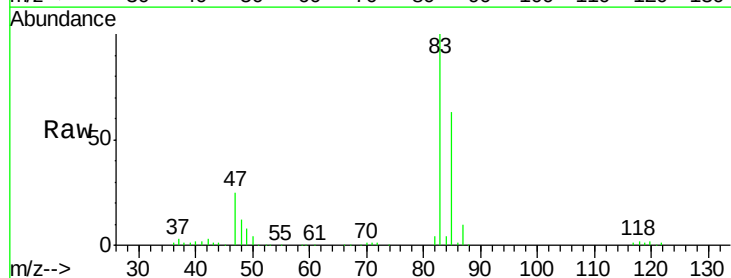
Acq: 26 Apr 2019 17:44

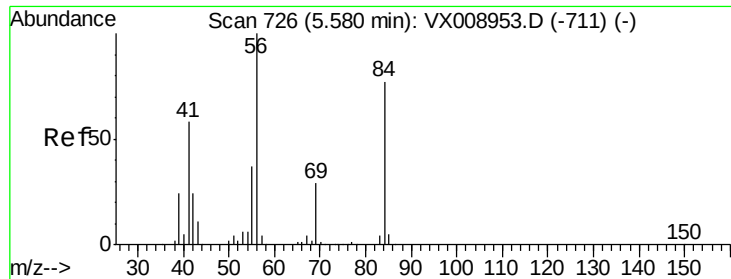
Tgt Ion: 83 Resp: 185124

Ion Ratio Lower Upper

83 100

85 62.7 51.9 77.9

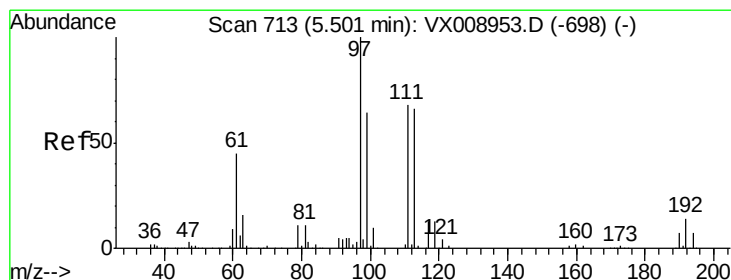
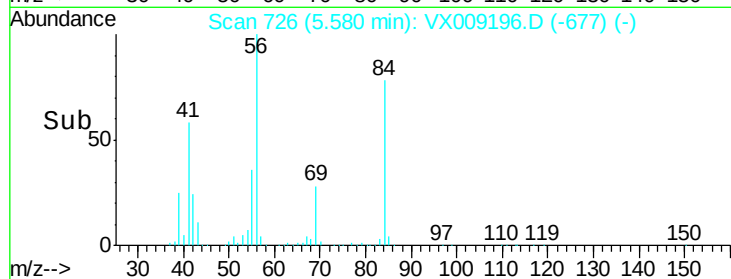
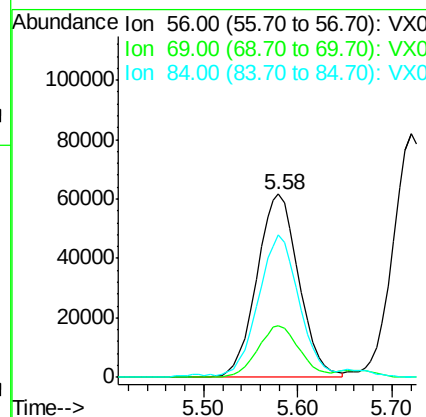
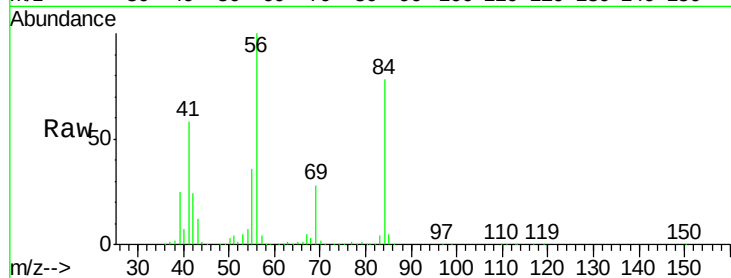




#31
Cyclohexane
Concen: 43.496 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

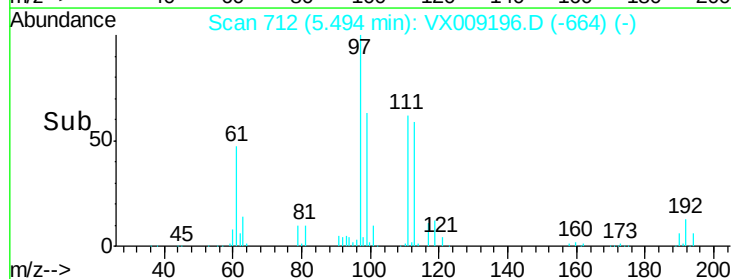
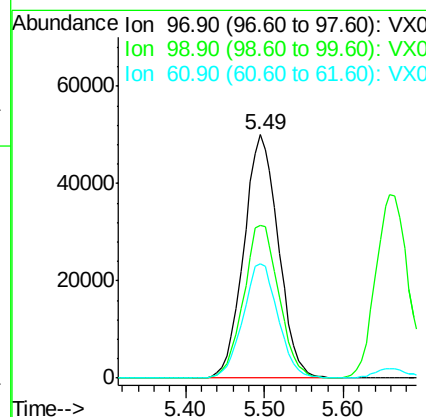
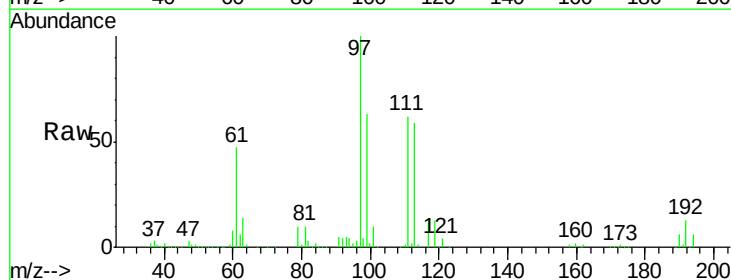
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

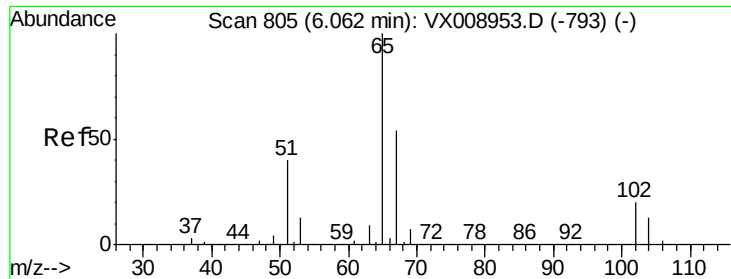
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.3	34.9
84	76.5	61.7	92.5



#32
1,1,1-Trichloroethane
Concen: 45.795 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	47.4	37.9	56.9

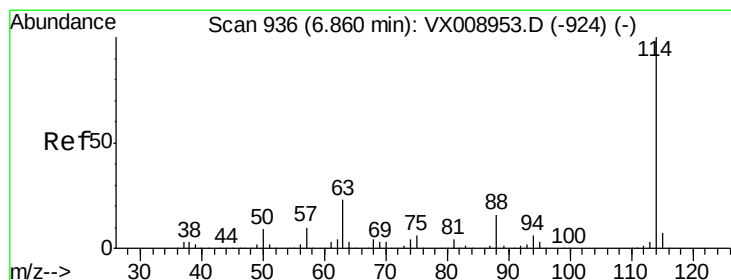
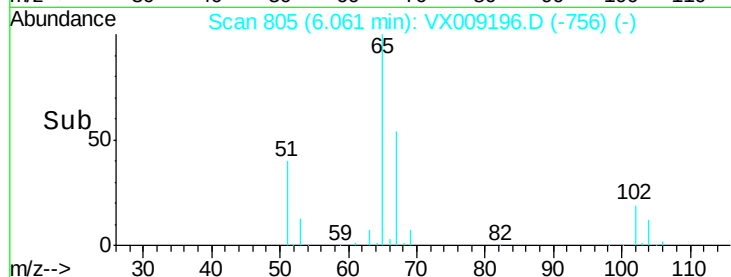
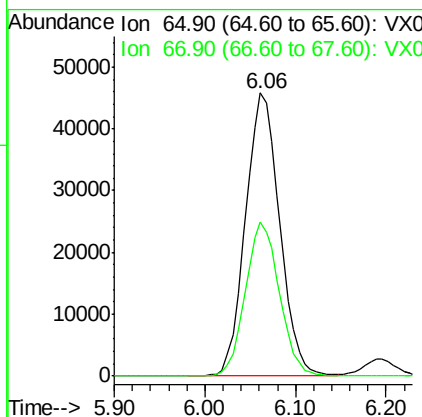
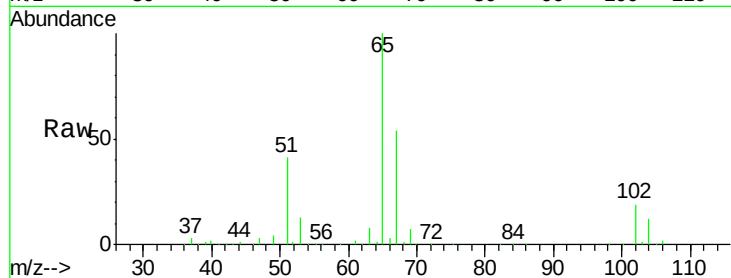




#33
 1,2-Dichloroethane-d4
 Concen: 43.127 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

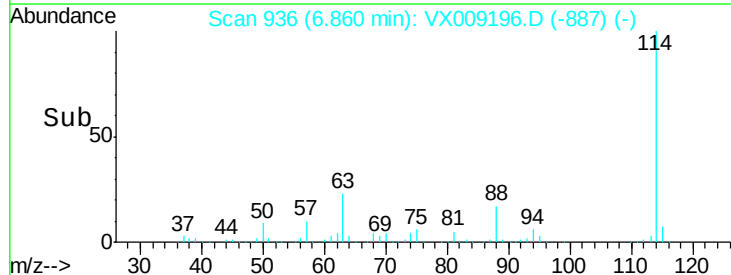
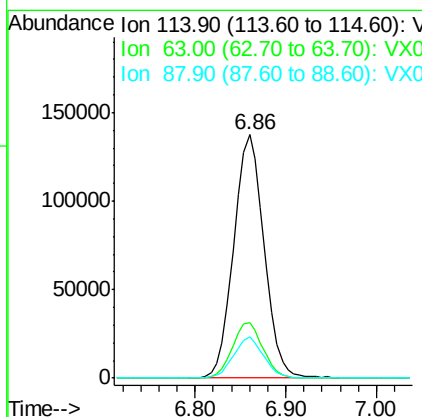
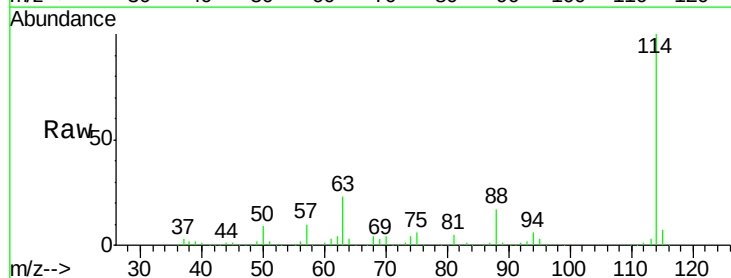
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

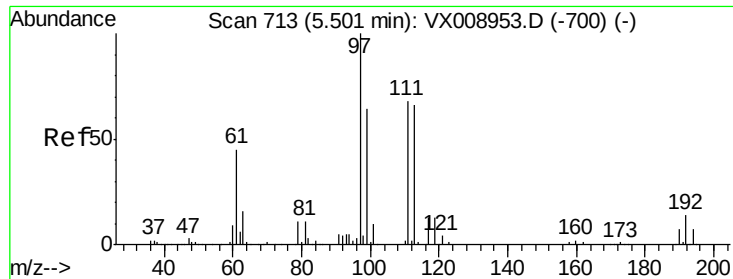
Tot Ion: 65 Resp: 119312
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 114 Resp: 320057
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.952 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

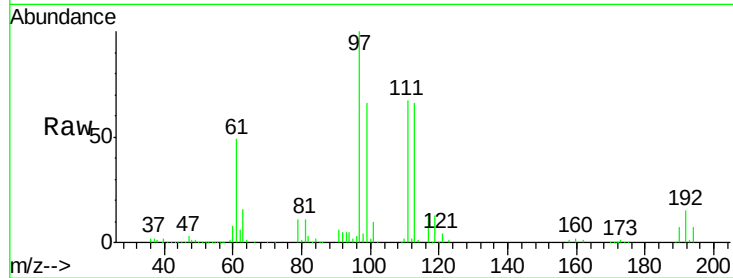
Tot Ion:113 Resp: 88226

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

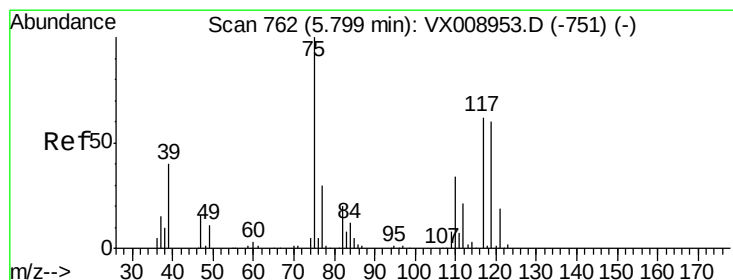
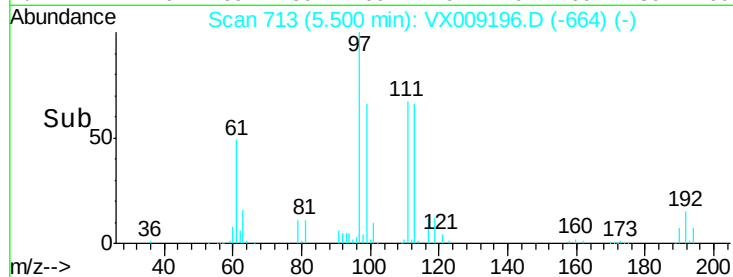
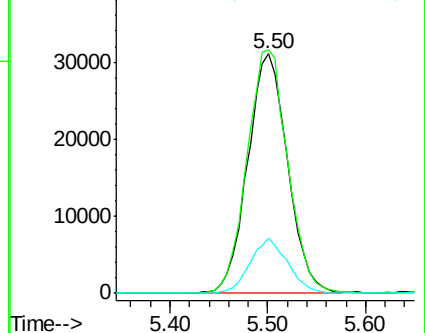
192 21.8 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.293 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

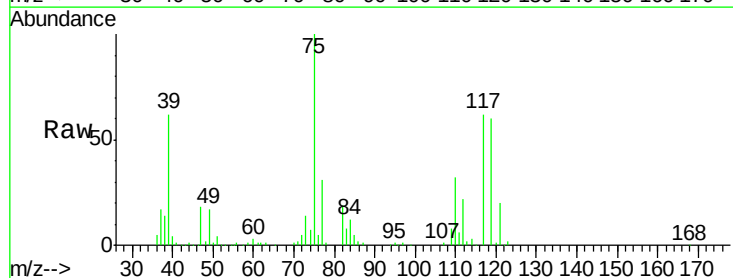
Tgt Ion: 75 Resp: 139994

Ion Ratio Lower Upper

75 100

110 32.8 16.9 50.7

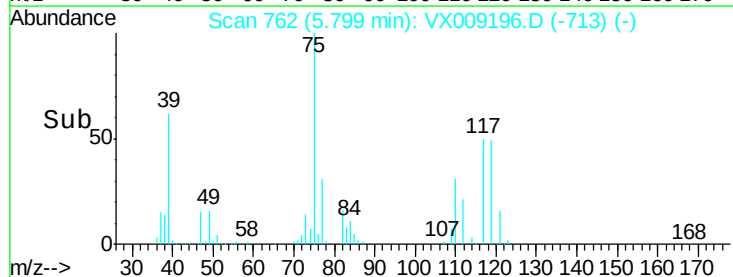
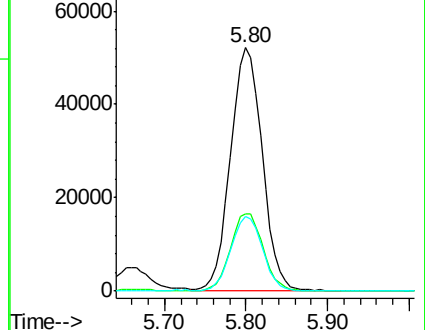
77 30.5 25.0 37.4

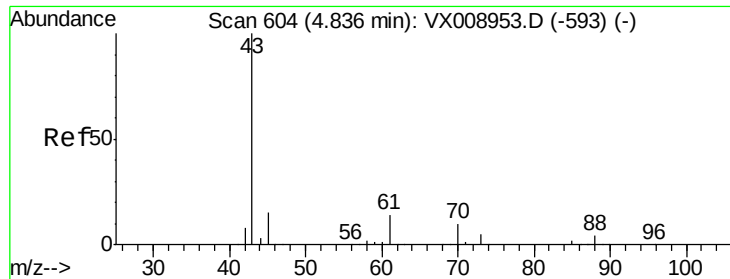


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.215 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

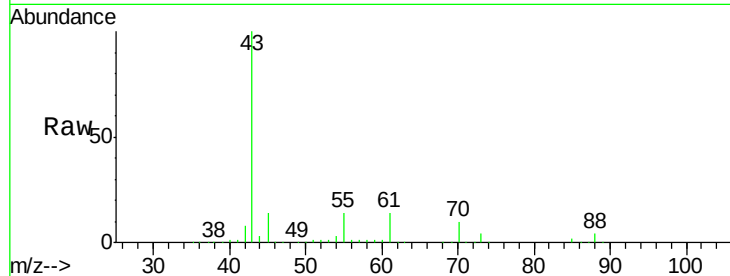
Tot Ion: 43 Resp: 209624

Ion Ratio Lower Upper

43 100

61 12.9 10.6 15.8

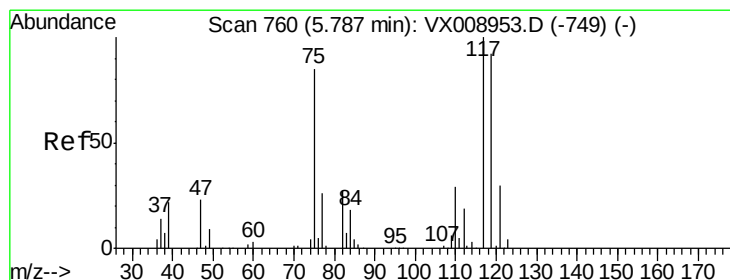
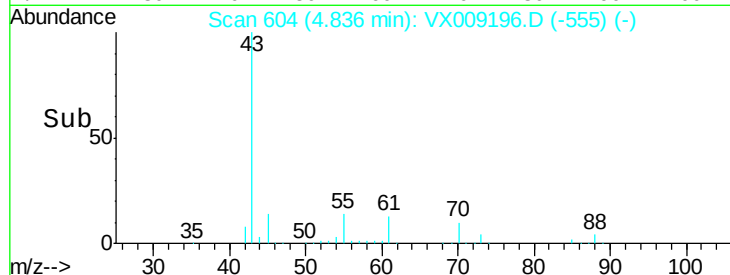
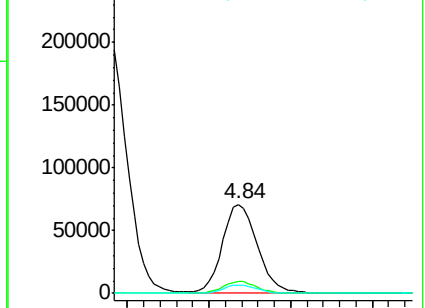
70 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008953.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008953.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 44.923 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

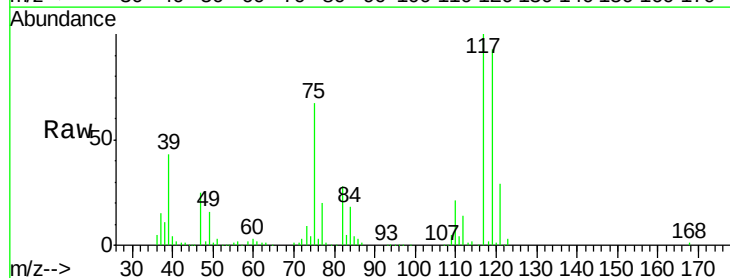
Tgt Ion: 117 Resp: 126062

Ion Ratio Lower Upper

117 100

119 93.3 73.8 110.8

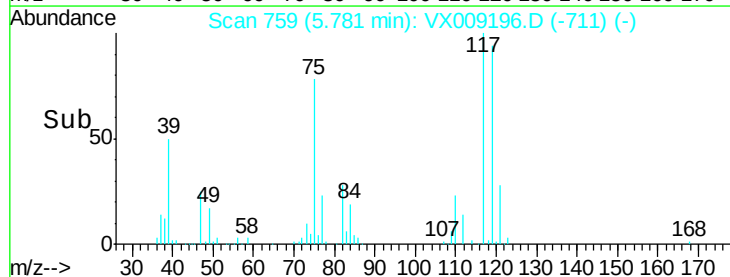
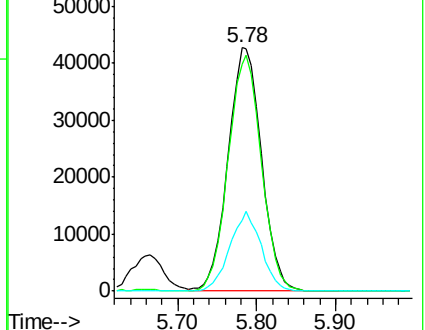
121 29.1 23.6 35.4

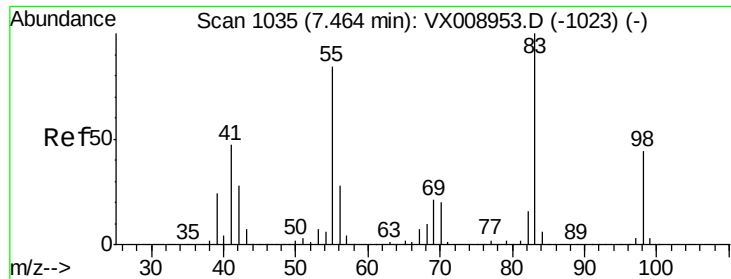


Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008953.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008953.D (-749) (-)

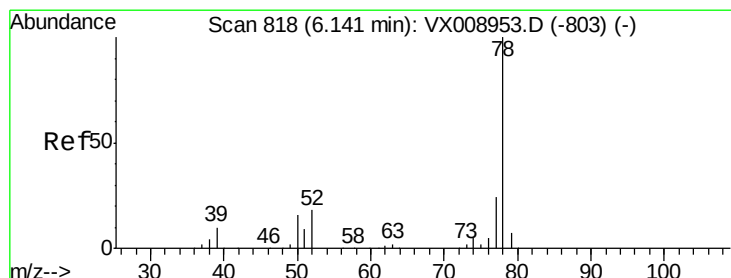
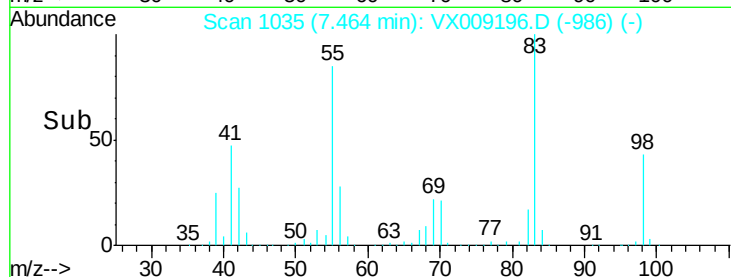
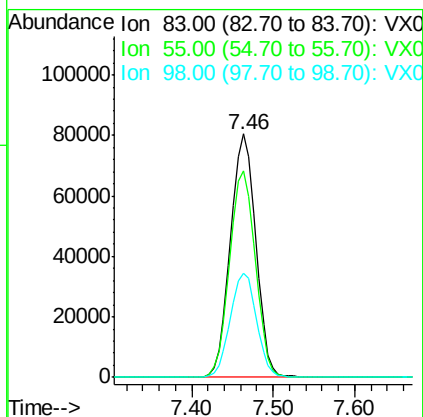
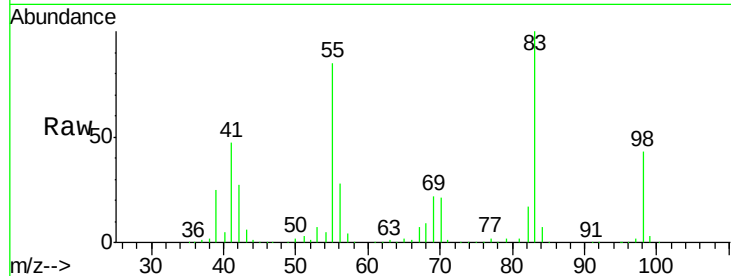




#39
Methylvlcyclohexane
Concen: 42.761 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

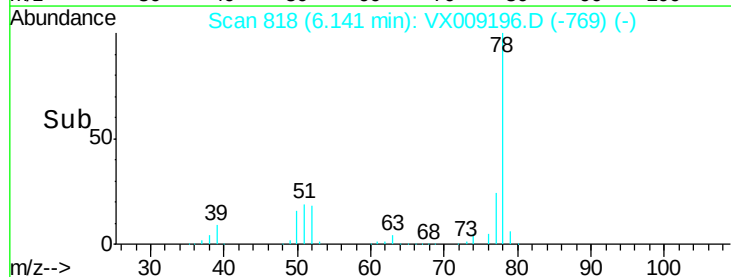
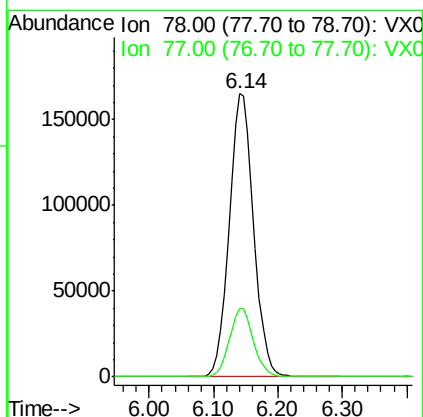
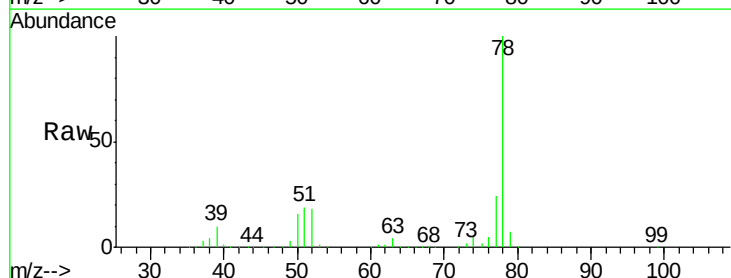
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

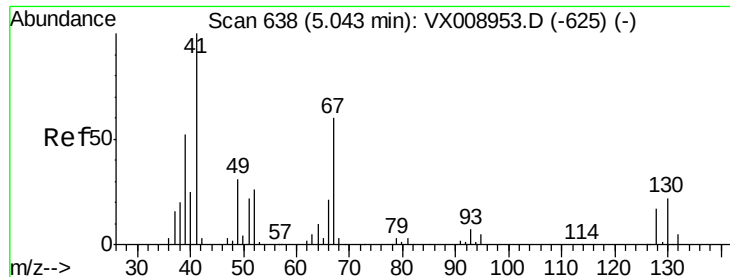
Tot Ion: 83 Resp: 172332
Ion Ratio Lower Upper
83 100
55 84.9 67.1 100.7
98 42.5 35.1 52.7



#40
Benzene
Concen: 44.649 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 78 Resp: 435992
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41

Methacrylonitrile

Concen: 48.481 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 118513

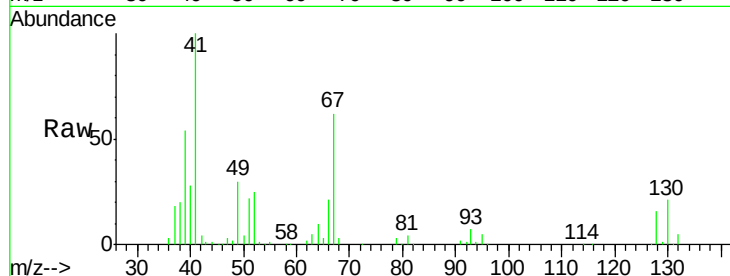
Ion Ratio Lower Upper

41 100

39 52.6 41.8 62.6

67 63.7 50.2 75.4

52 25.7 21.1 31.7

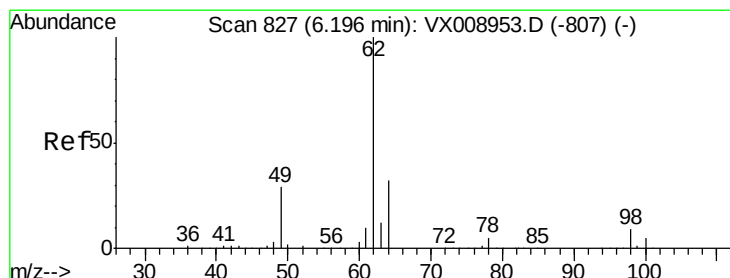
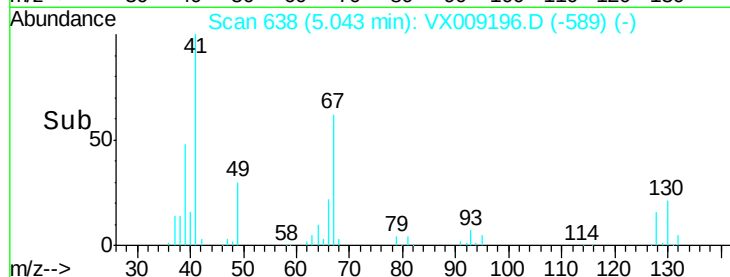
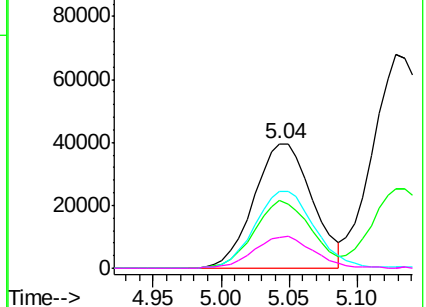


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.113 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009196.D

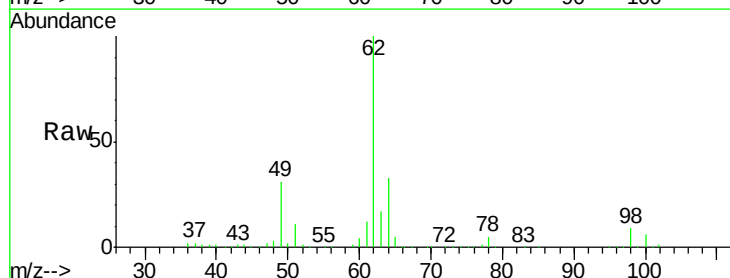
Acq: 26 Apr 2019 17:44

Tgt Ion: 62 Resp: 156052

Ion Ratio Lower Upper

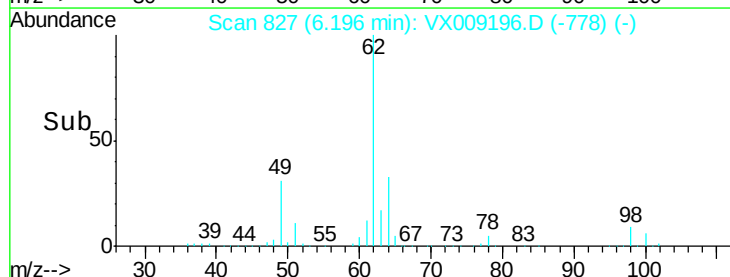
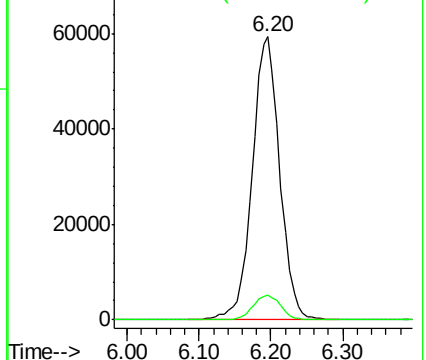
62 100

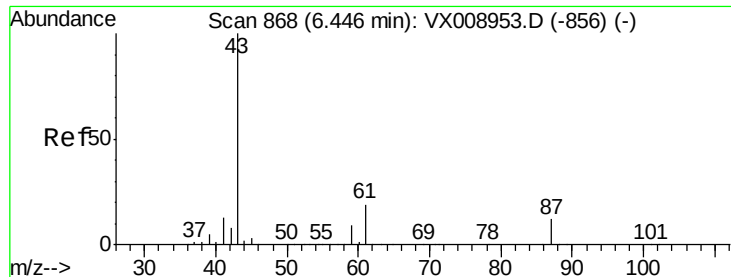
98 8.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.875 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

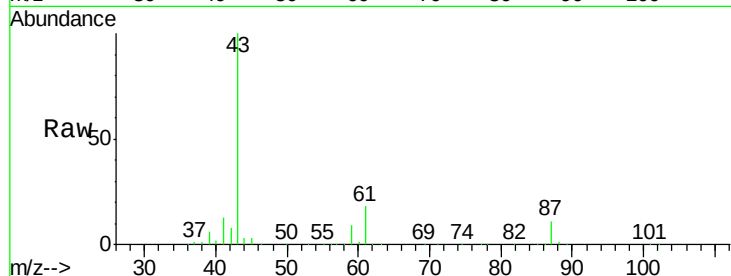
Tot Ion: 43 Resp: 328609

Ion Ratio Lower Upper

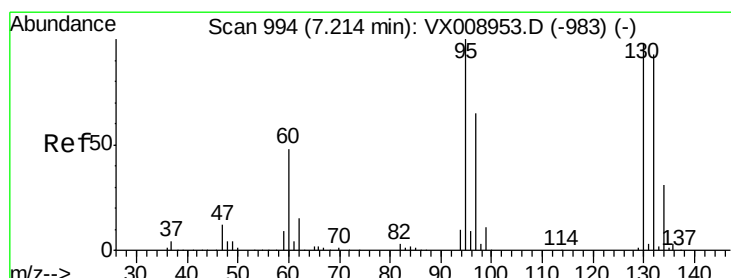
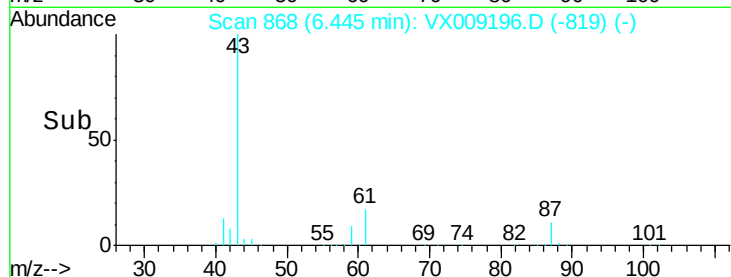
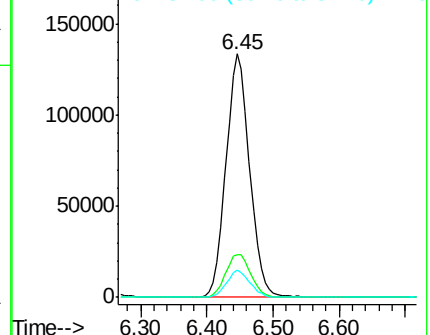
43 100

61 18.9 15.4 23.0

87 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 42.722 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009196.D

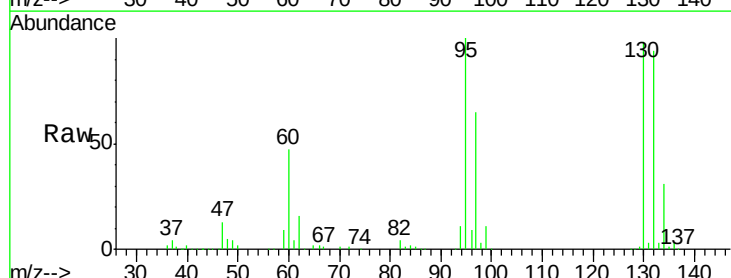
Acq: 26 Apr 2019 17:44

Tgt Ion:130 Resp: 102217

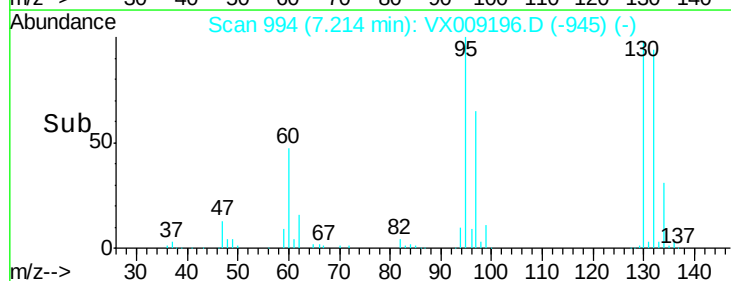
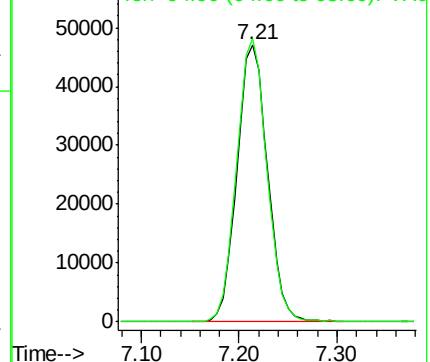
Ion Ratio Lower Upper

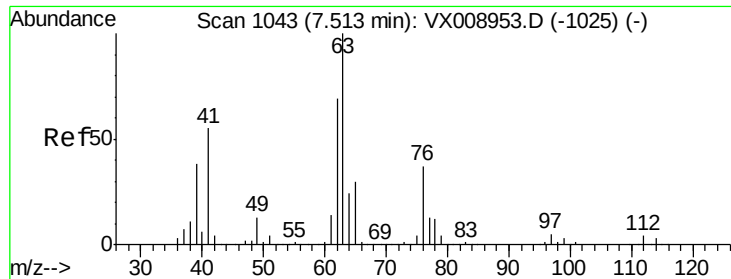
130 100

95 102.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

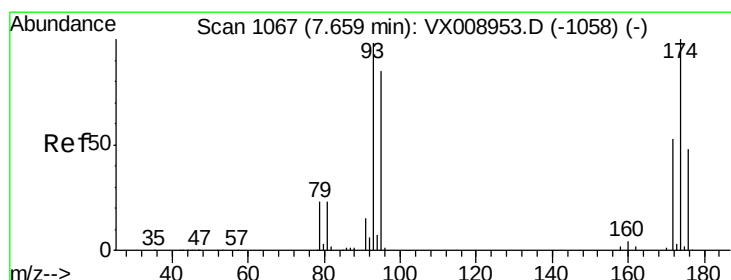
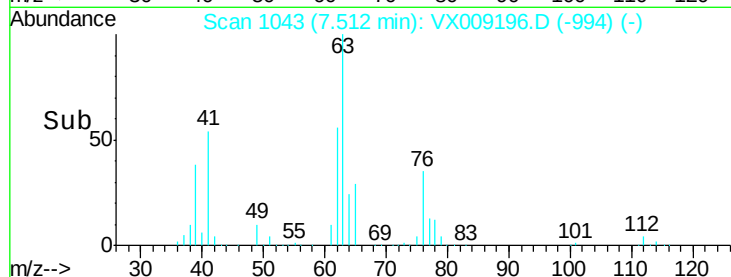
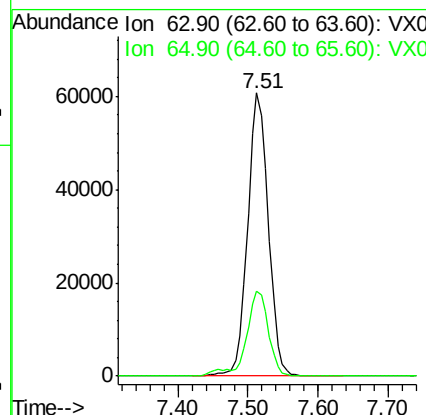
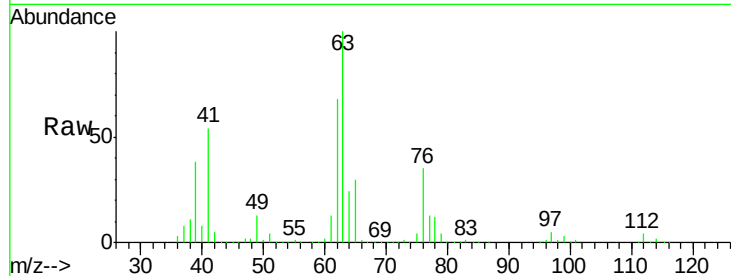




#45
 1,2-Dichloropropane
 Concen: 46.003 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

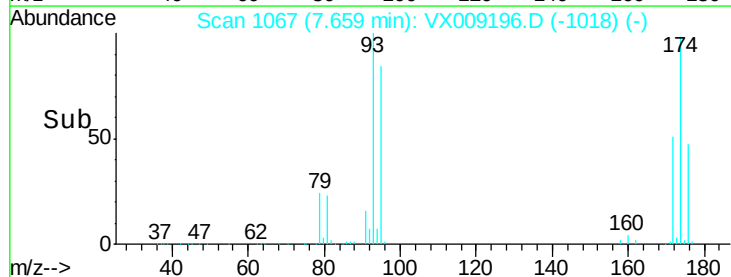
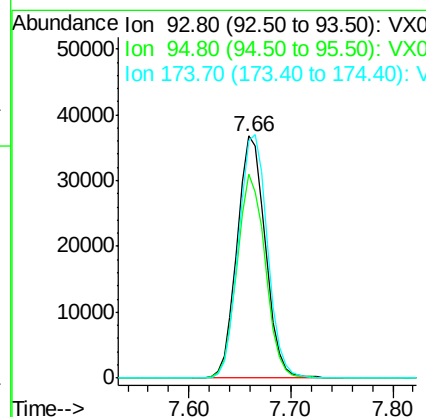
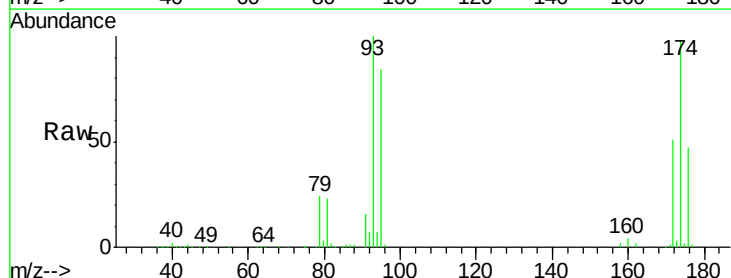
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

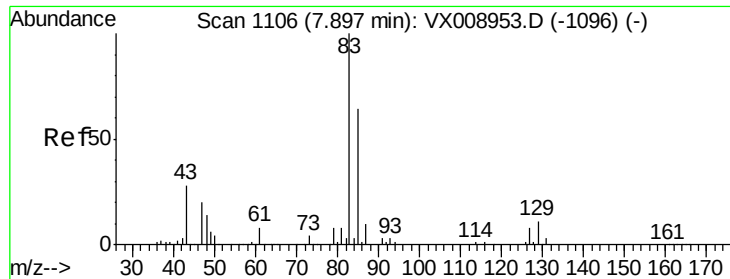
Tot Ion: 63 Resp: 124624
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.1 36.1



#46
 Dibromomethane
 Concen: 44.687 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 93 Resp: 70454
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 102.5 81.6 122.4





#47

Bromodichloromethane

Concen: 46.476 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

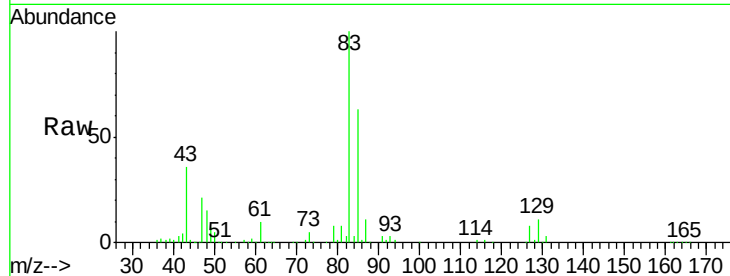
Tot Ion: 83 Resp: 143718

Ion Ratio Lower Upper

83 100

85 62.8 50.8 76.2

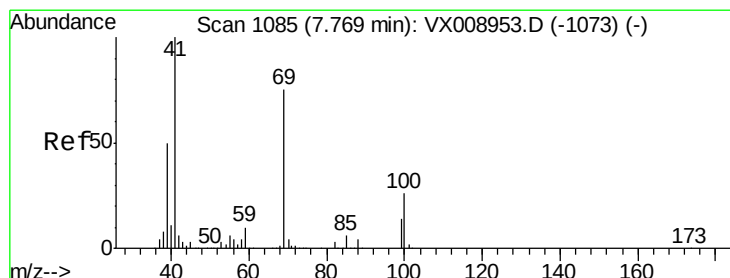
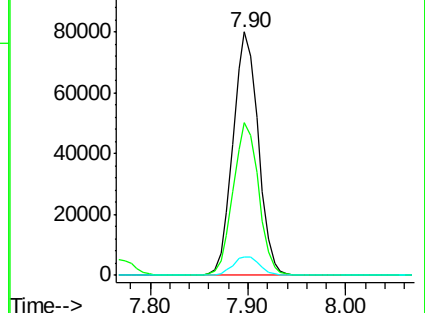
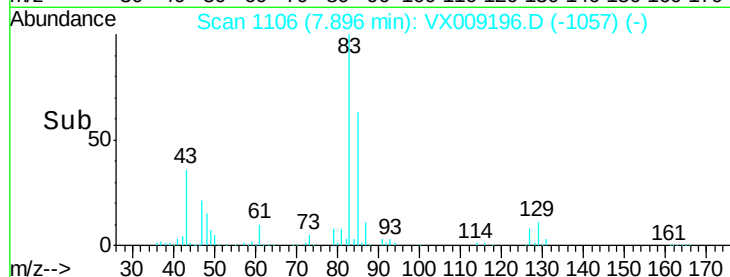
127 7.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.991 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

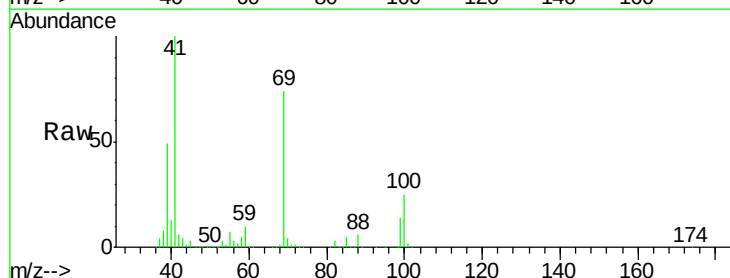
Tgt Ion: 41 Resp: 166156

Ion Ratio Lower Upper

41 100

69 73.3 59.4 89.2

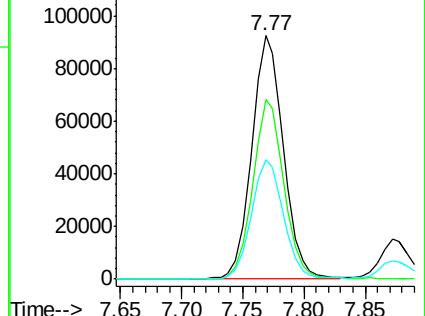
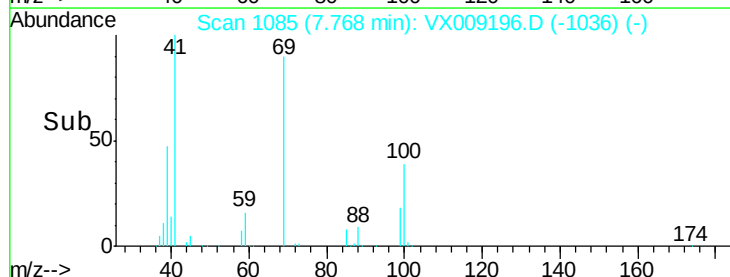
39 49.6 39.8 59.6

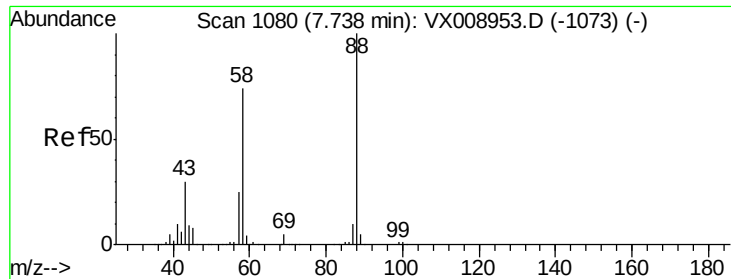


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1019.993 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

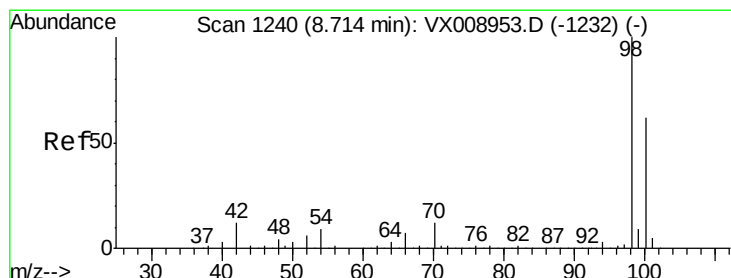
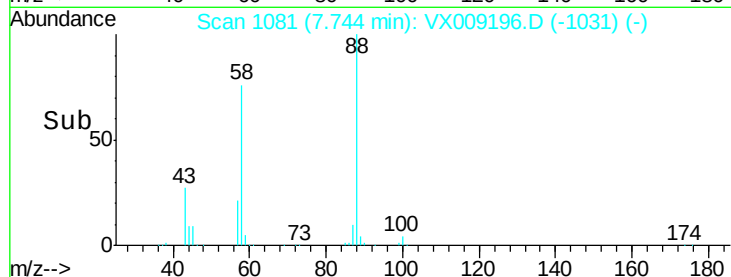
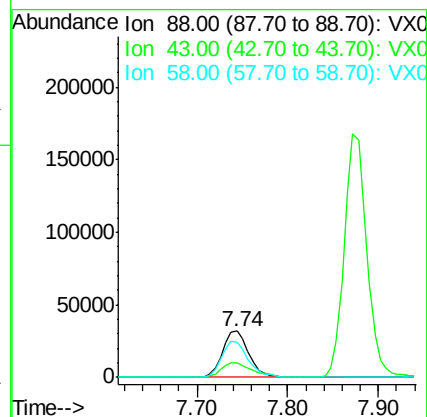
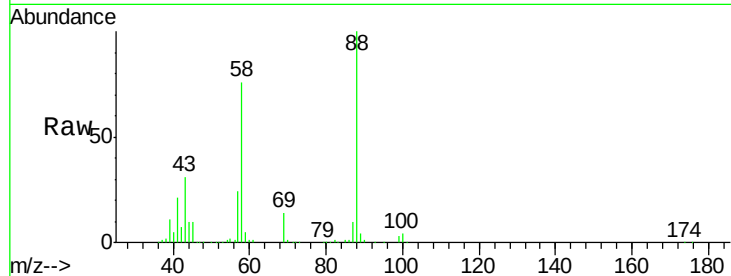
Tot Ion: 88 Resp: 64748

Ion Ratio Lower Upper

88 100

43 36.3 29.3 43.9

58 79.3 62.6 93.8



#50

Toluene-d8

Concen: 43.081 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009196.D

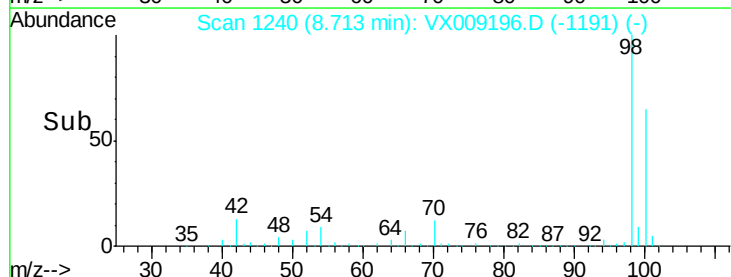
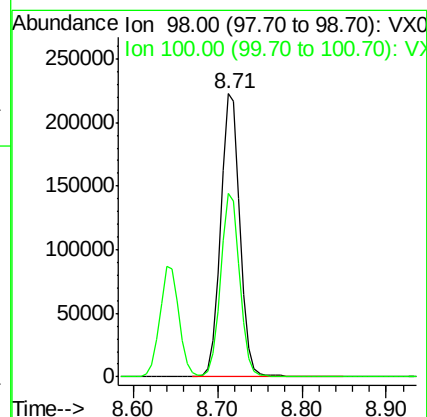
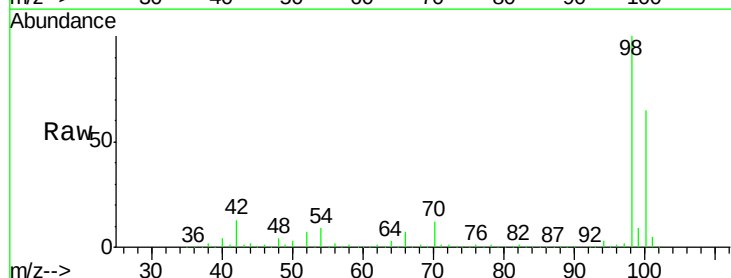
Acq: 26 Apr 2019 17:44

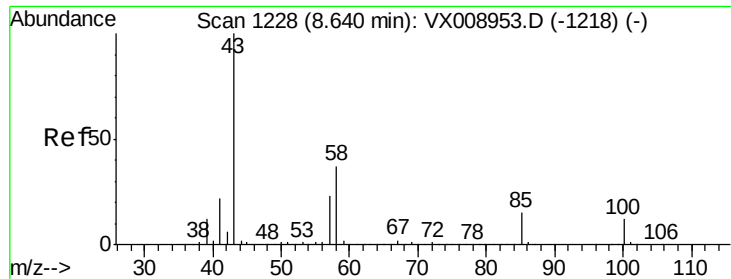
Tgt Ion: 98 Resp: 352903

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 255.904 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

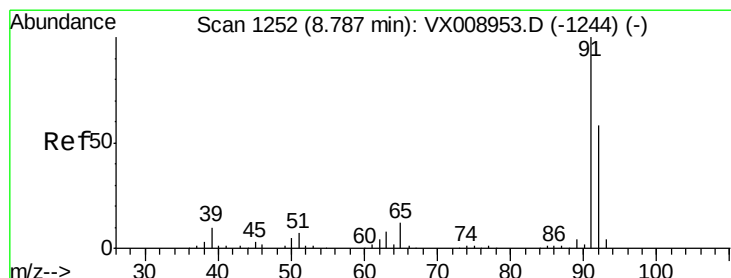
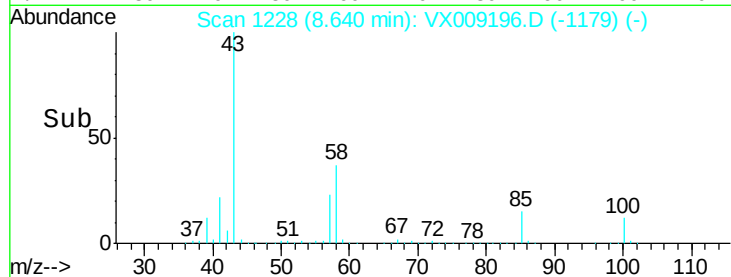
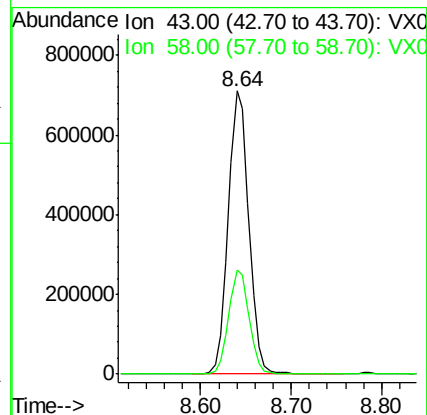
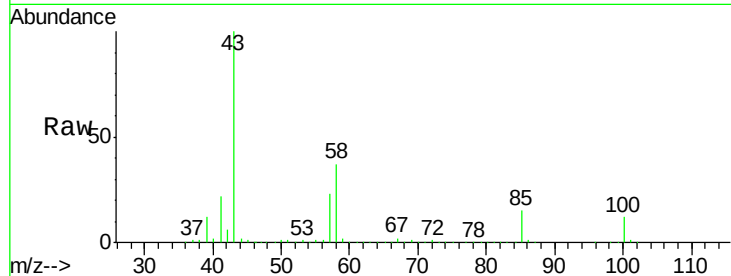
VSTDCCC050EC

Tot Ion: 43 Resp: 1119025

Ion Ratio Lower Upper

43 100

58 36.7 29.8 44.6



#52

Toluene

Concen: 45.304 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009196.D

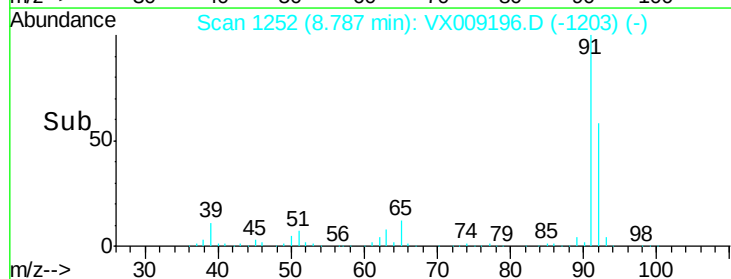
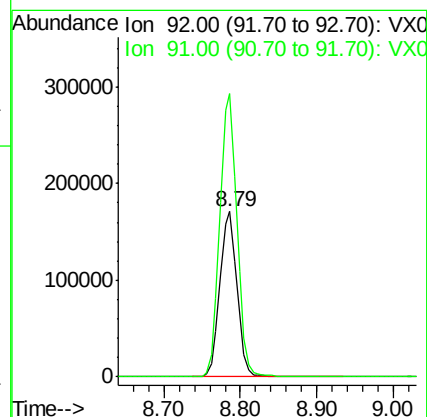
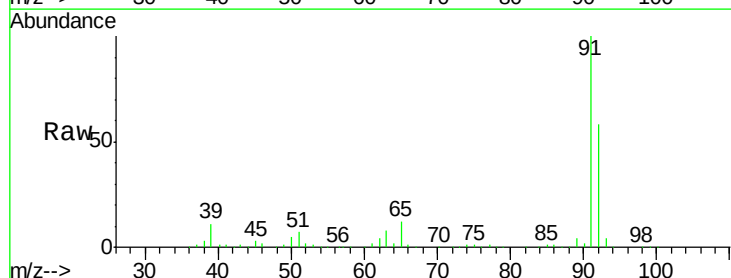
Acq: 26 Apr 2019 17:44

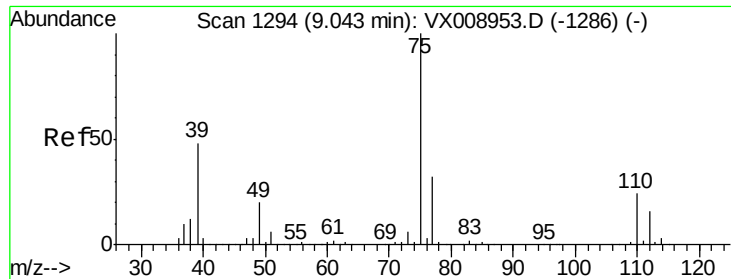
Tgt Ion: 92 Resp: 265132

Ion Ratio Lower Upper

92 100

91 172.2 138.5 207.7

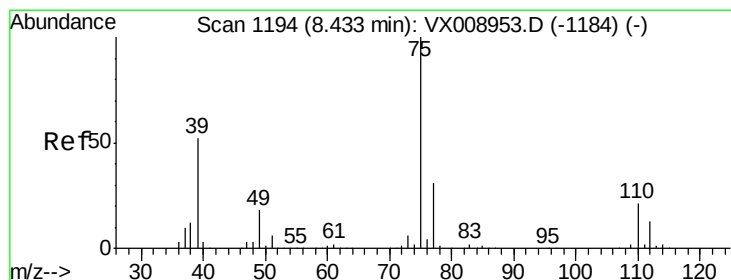
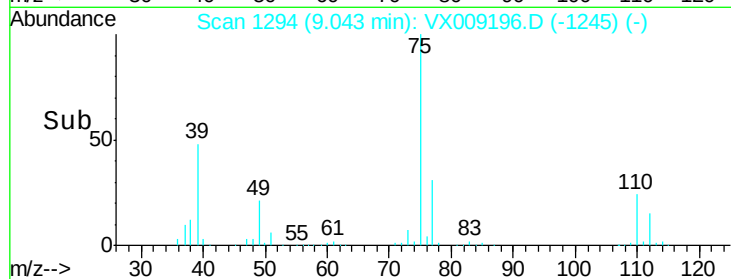
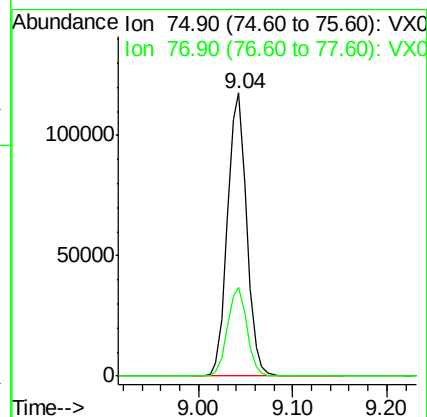
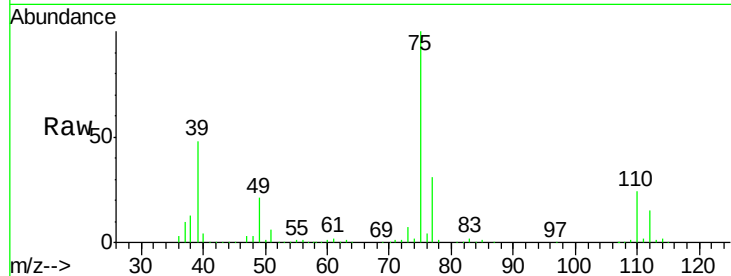




#53
 t-1,3-Dichloropropene
 Concen: 46.618 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

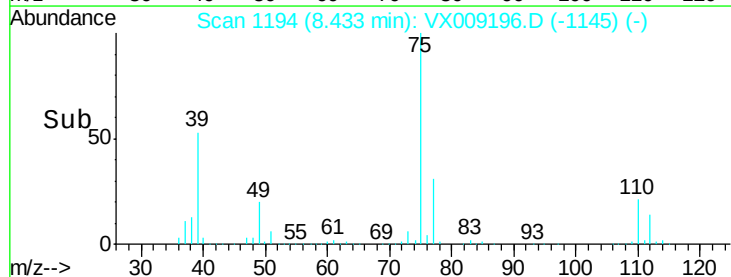
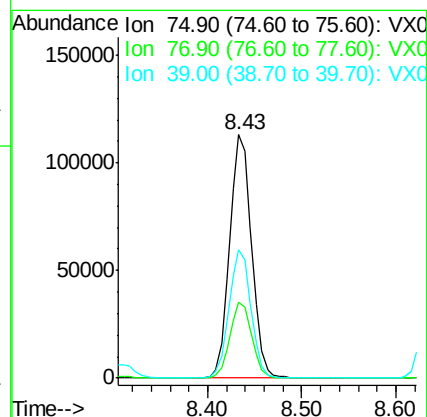
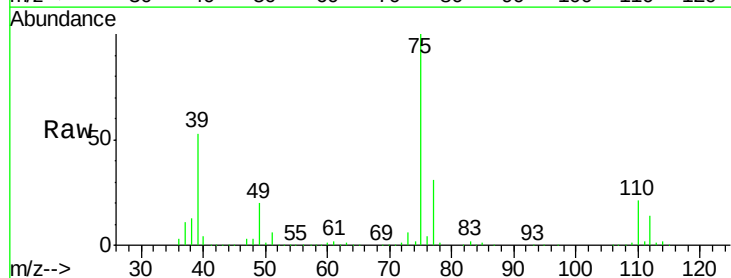
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

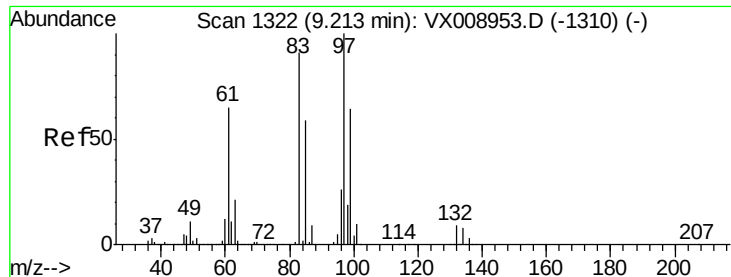
Tot Ion: 75 Resp: 165905
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.839 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 75 Resp: 182662
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 52.7 41.8 62.6



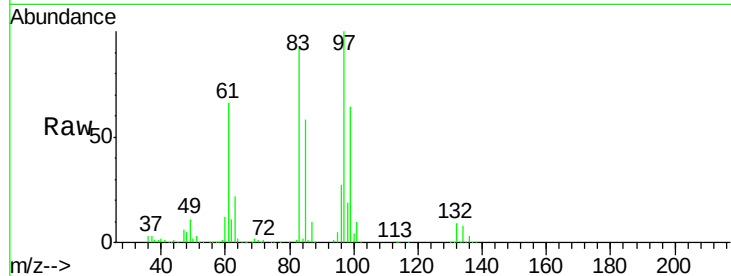


#55
 1,1,2-Trichloroethane
 Concen: 45.900 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 106463

Ion	Ratio	Lower	Upper
97	100		
83	91.6	72.6	108.8
85	58.0	46.9	70.3
99	63.8	51.0	76.6



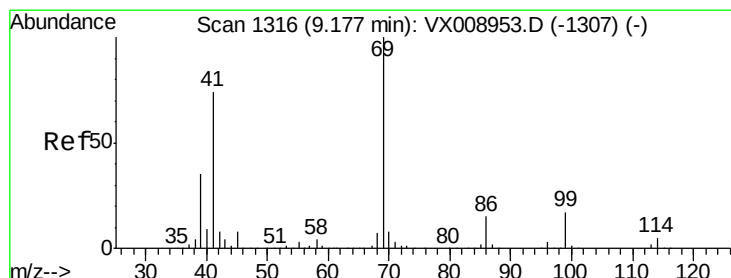
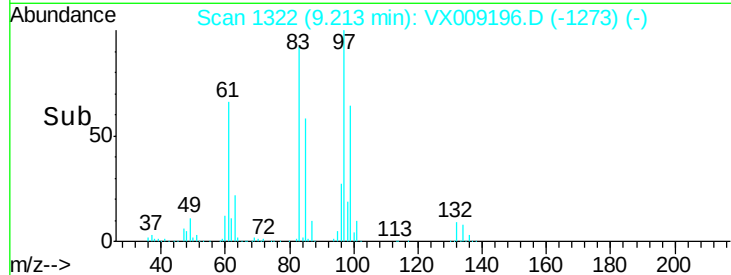
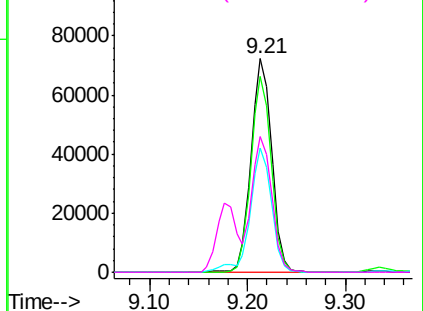
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

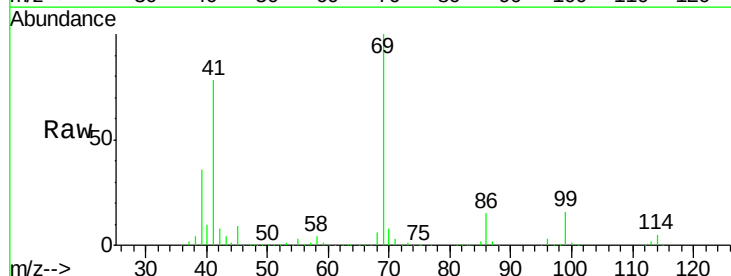
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.857 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 69 Resp: 203195

Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.9	27.9	41.9

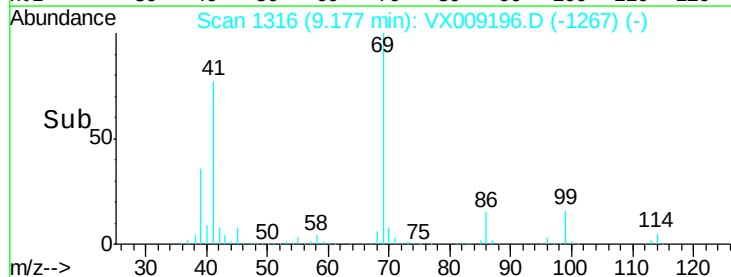
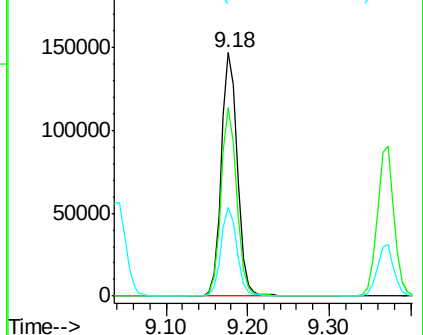


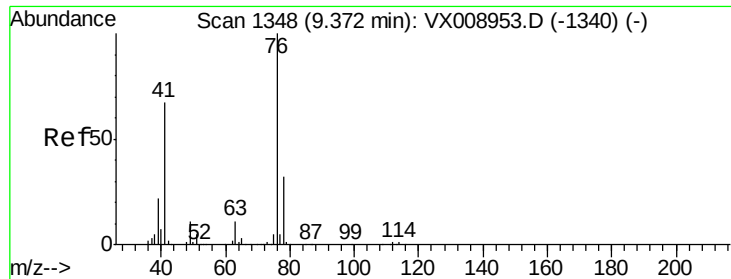
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 45.883 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

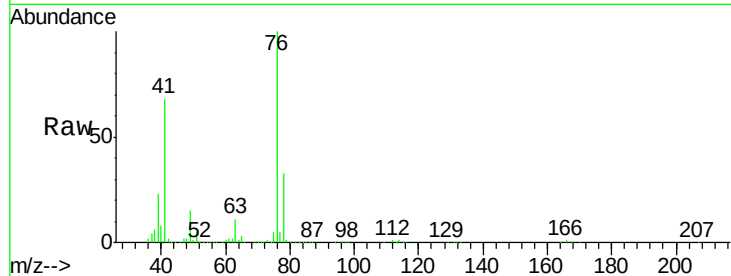
VSTDCCC050EC

Tot Ion: 76 Resp: 189486

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

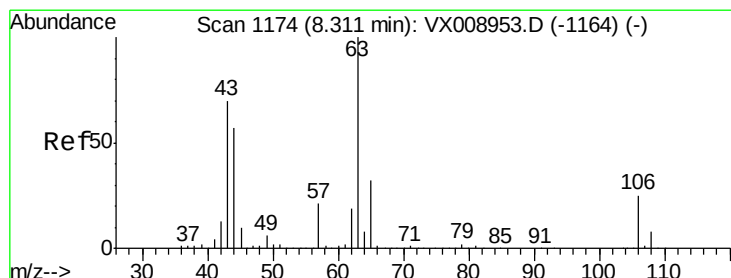
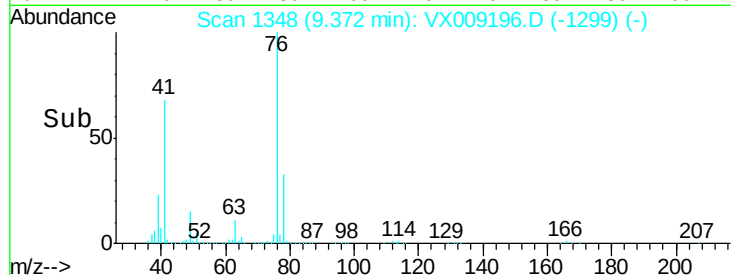
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.262 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009196.D

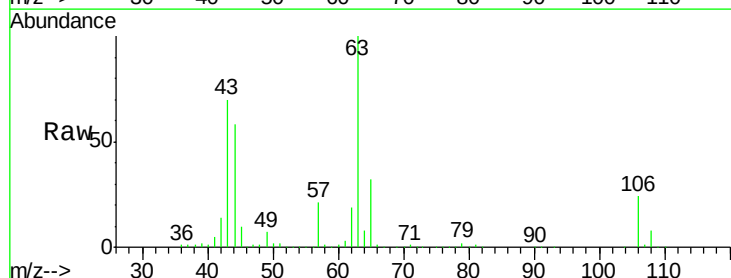
Acq: 26 Apr 2019 17:44

Tgt Ion: 63 Resp: 500020

Ion Ratio Lower Upper

63 100

106 24.4 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

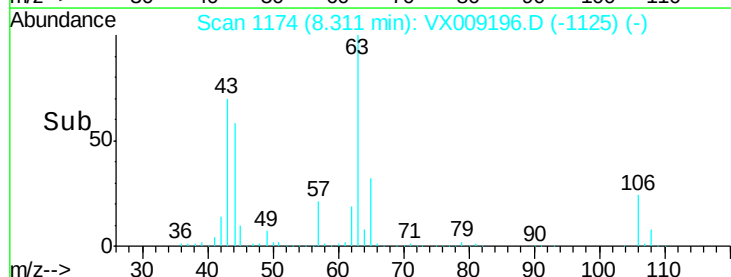
300000

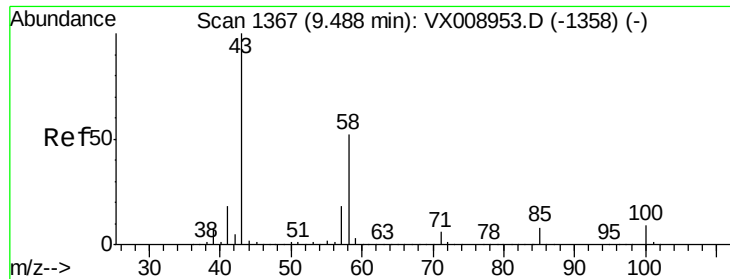
200000

100000

0

Time-->

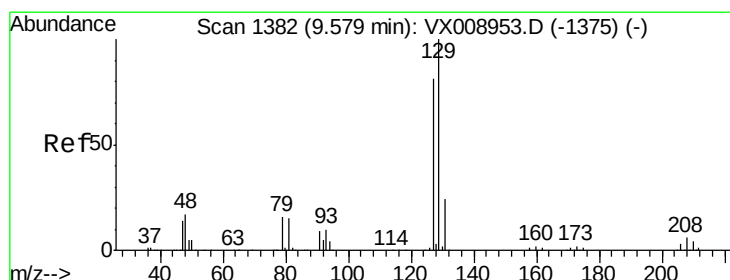
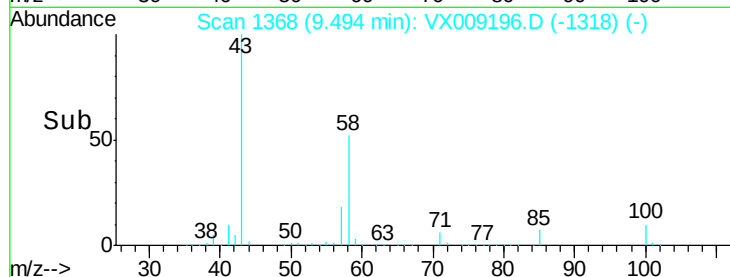
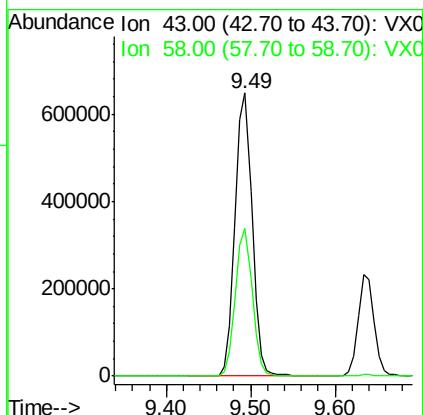
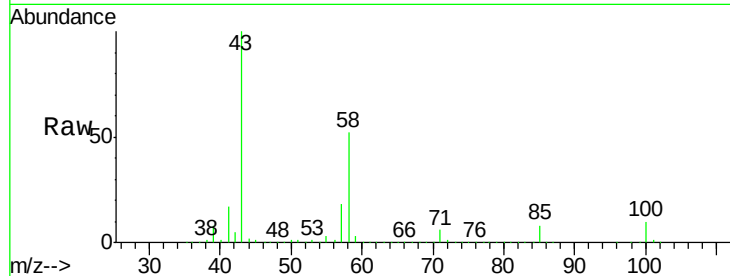




#59
2-Hexanone
Concen: 260.655 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

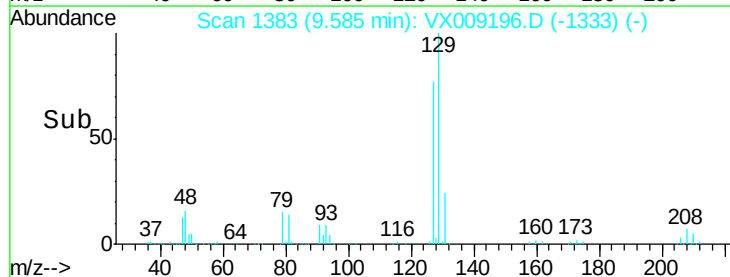
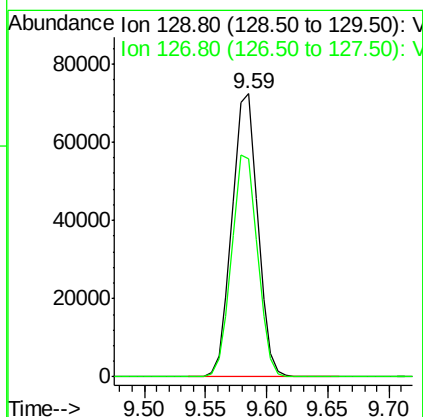
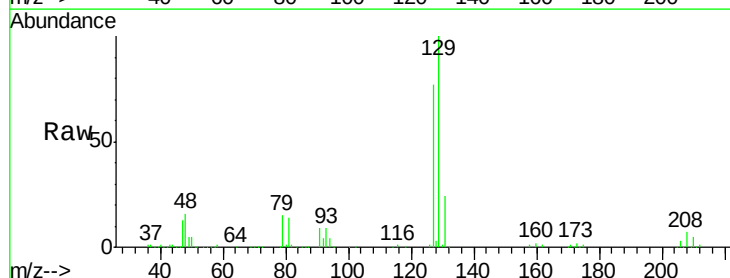
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

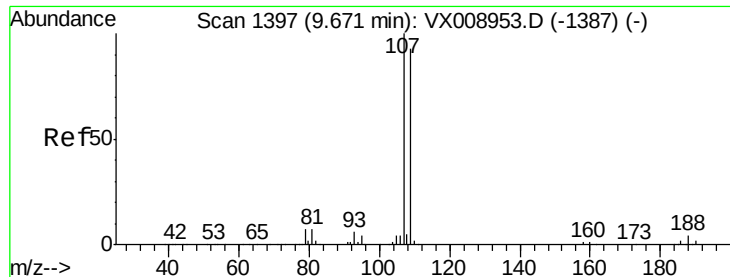
Tot Ion: 43 Resp: 878762
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 47.429 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 129 Resp: 105433
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

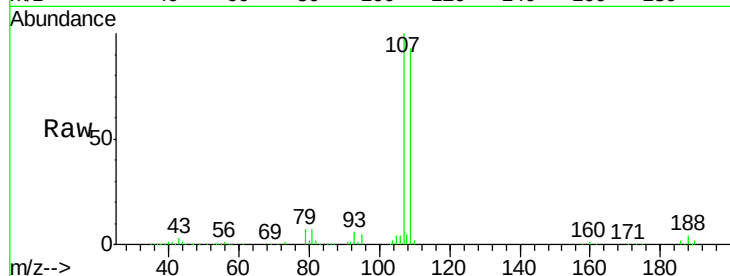
VSTDCCC050EC

Tot Ion:107 Resp: 110190

Ion Ratio Lower Upper

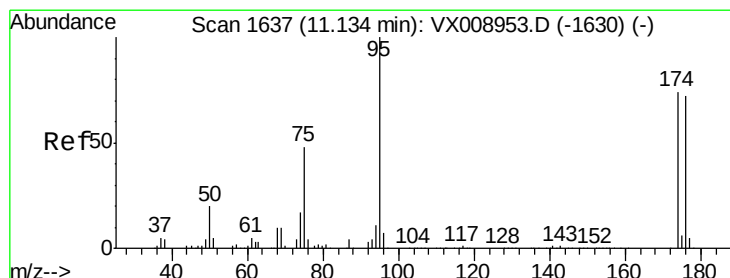
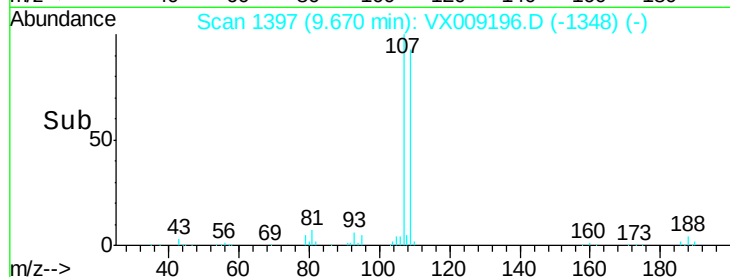
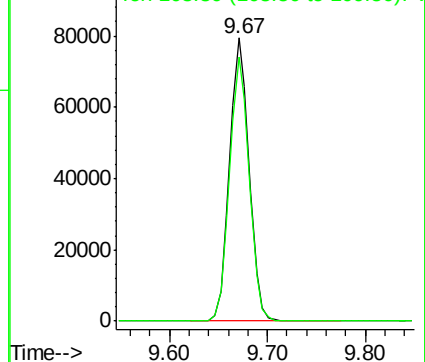
107 100

109 94.1 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

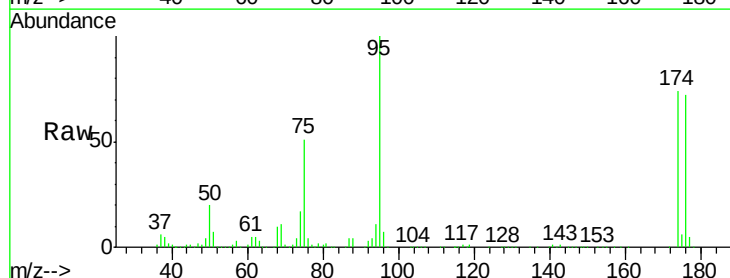
Tgt Ion: 95 Resp: 132049

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

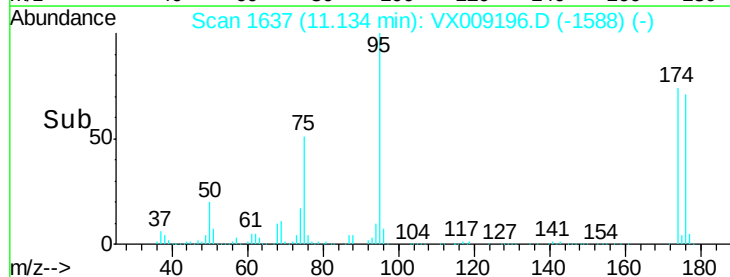
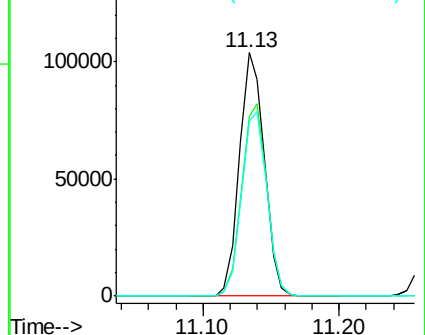
176 77.5 0.0 154.8

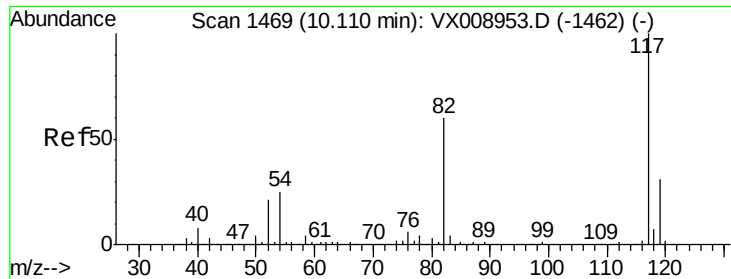


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

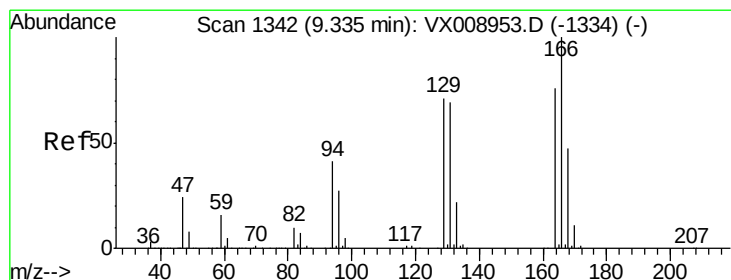
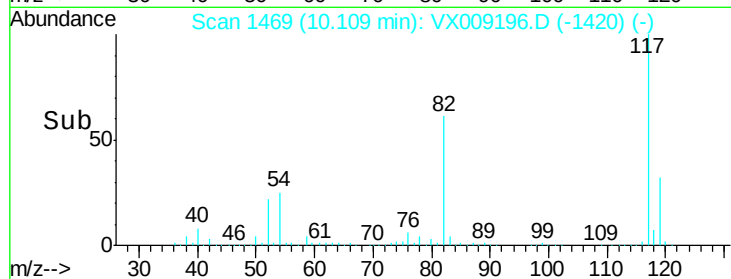
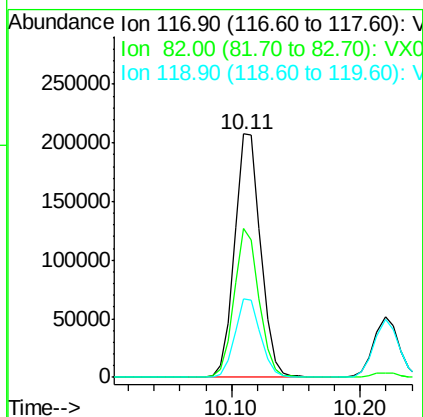
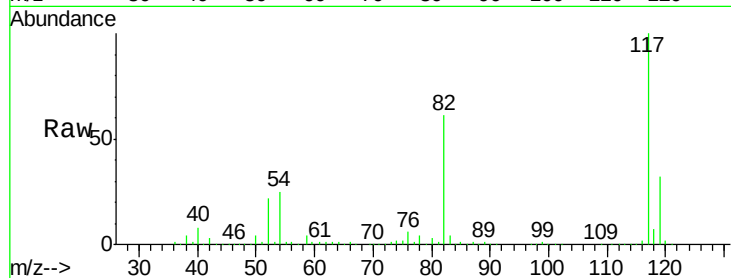




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

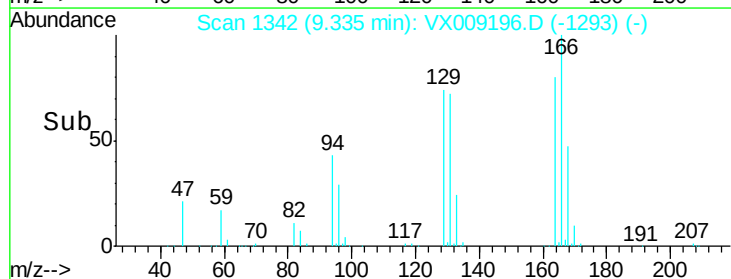
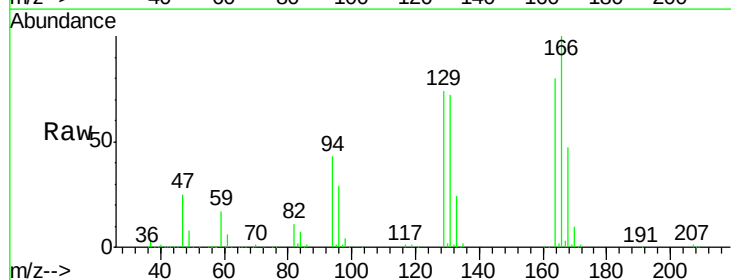
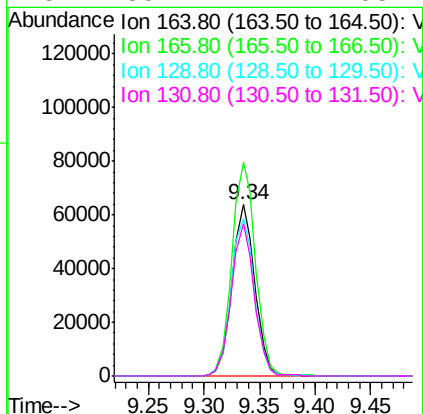
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

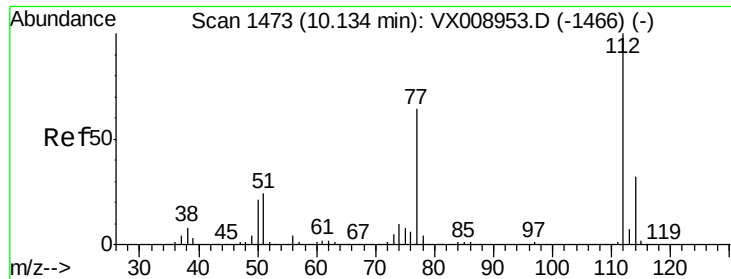
Tot Ion:117 Resp: 292579
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 40.652 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion:164 Resp: 90356
Ion Ratio Lower Upper
164 100
166 124.8 105.0 157.4
129 91.8 74.2 111.4
131 89.4 72.2 108.2





#65

Chlorobenzene

Concen: 43.881 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

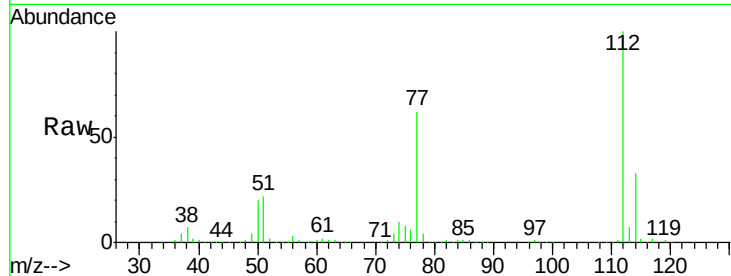
VSTDCCC050EC

Tot Ion:112 Resp: 270991

Ion Ratio Lower Upper

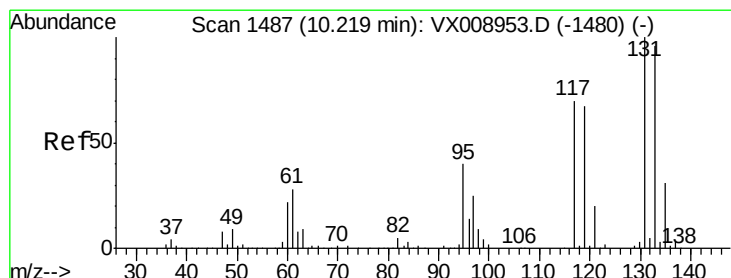
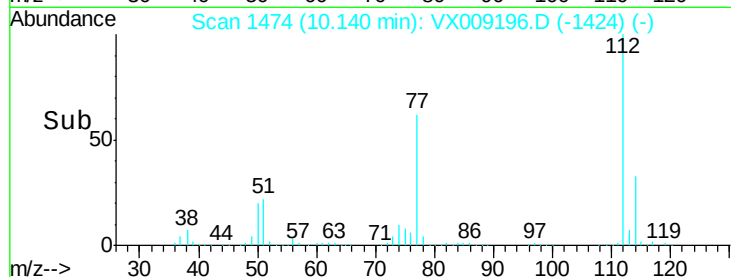
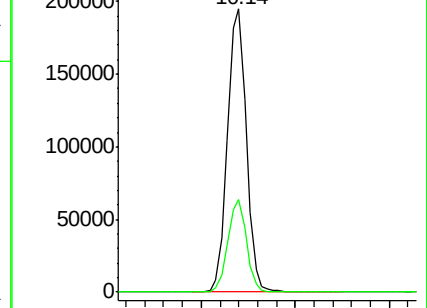
112 100

114 32.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.073 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

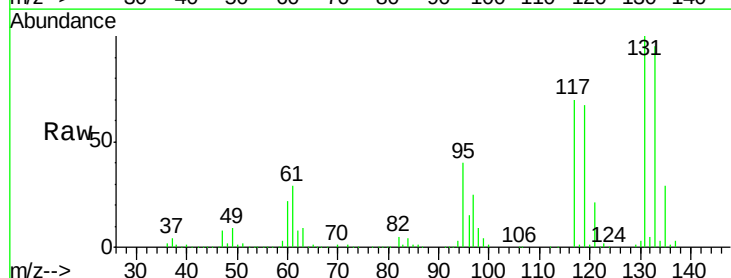
Tgt Ion:131 Resp: 98058

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

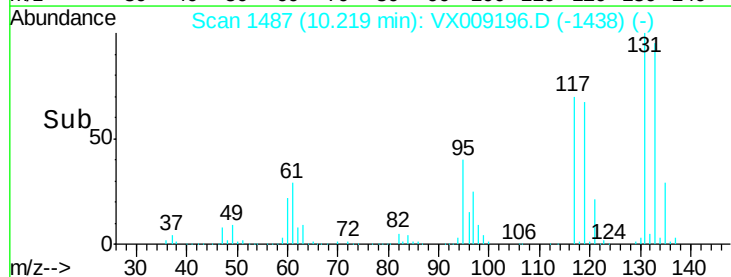
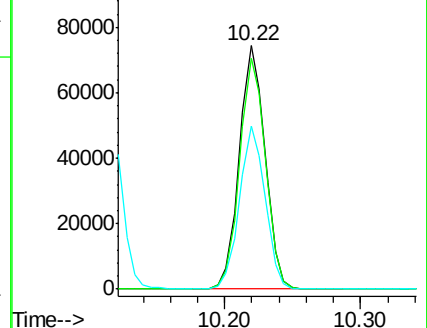
119 66.5 33.7 101.1

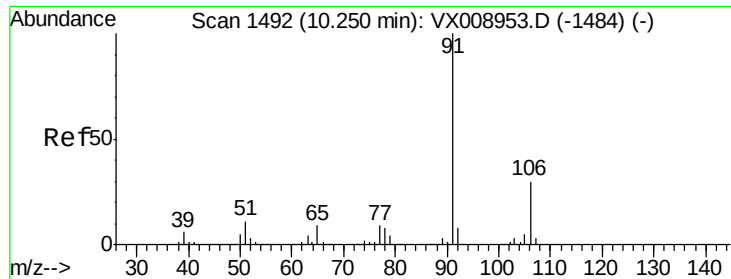


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

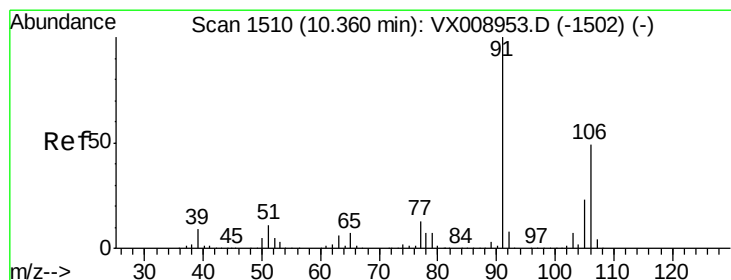
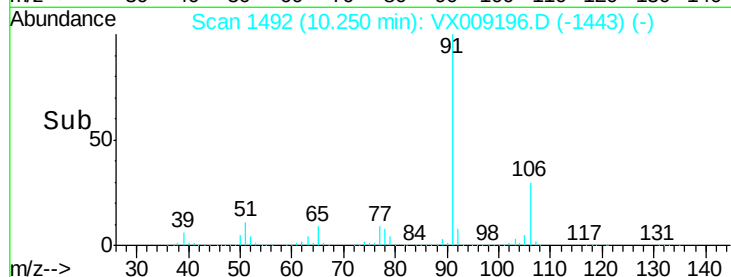
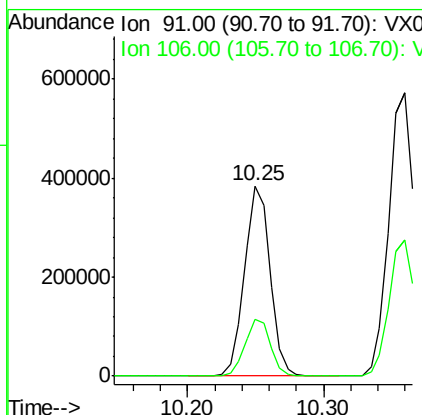
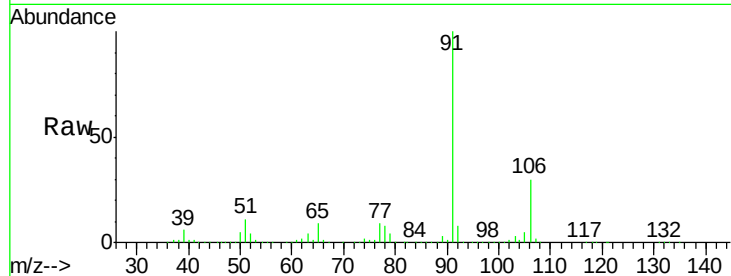




#67
Ethyl Benzene
Concen: 44.925 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

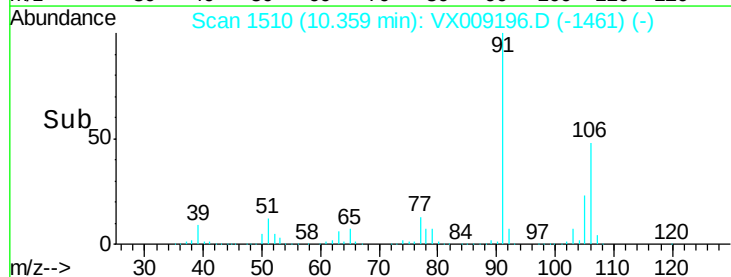
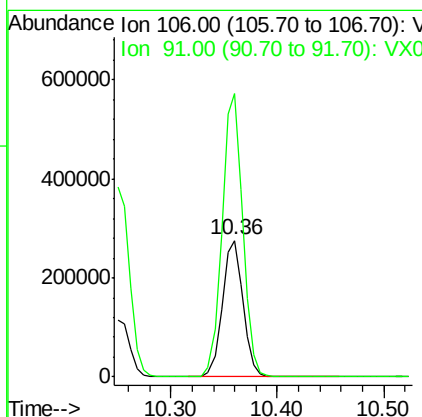
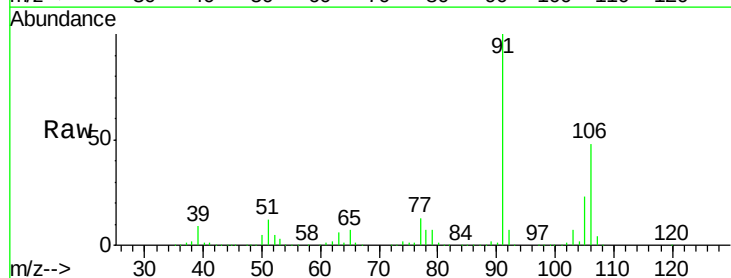
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

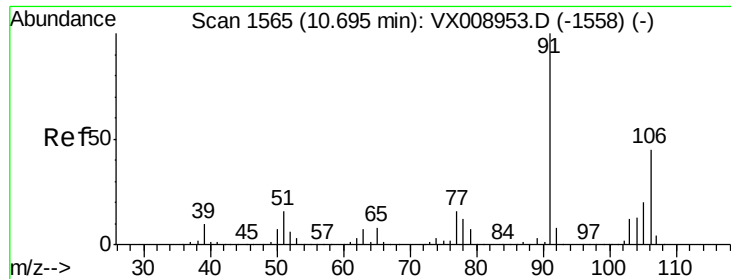
Tot Ion: 91 Resp: 507162
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 90.401 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 106 Resp: 370893
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.2

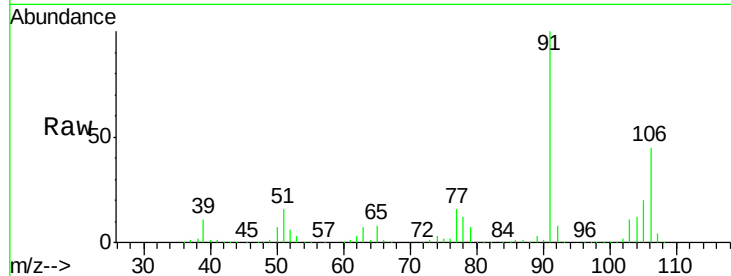




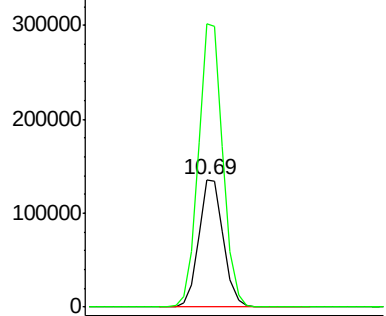
#69
o-Xylene
Concen: 45.418 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

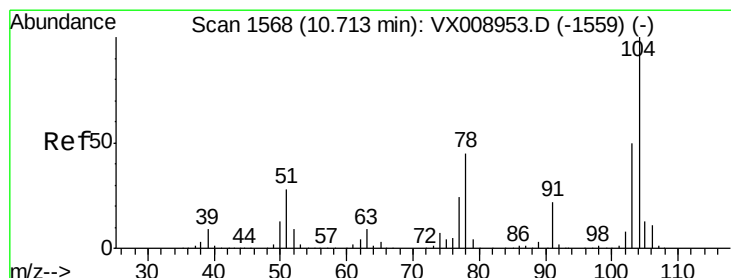
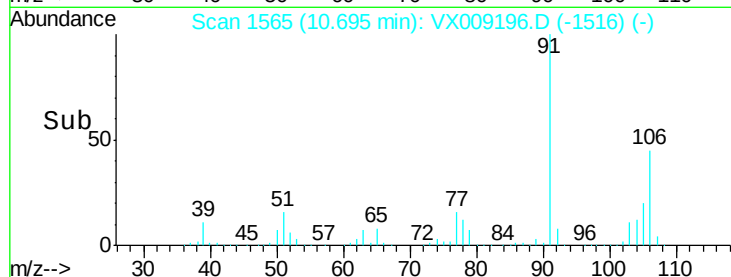
Tot Ion:106 Resp: 181311
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

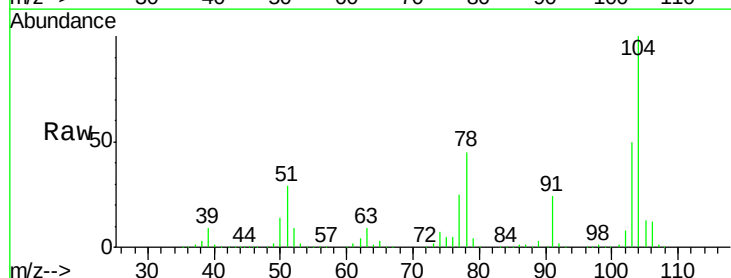


Time-->

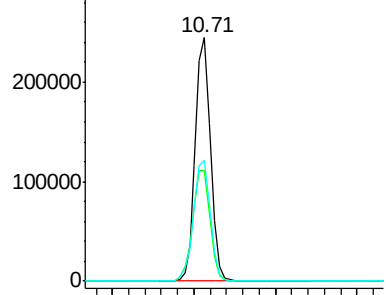


#70
Styrene
Concen: 46.171 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

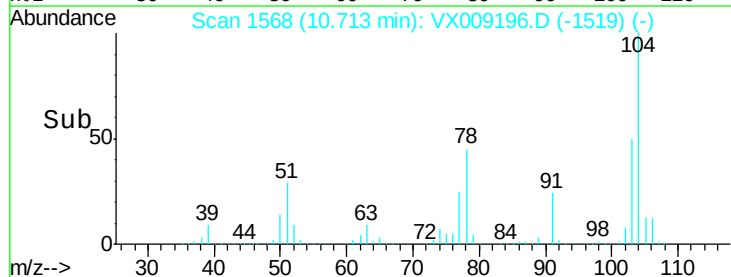
Tgt Ion:104 Resp: 319405
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.1 43.9 65.9

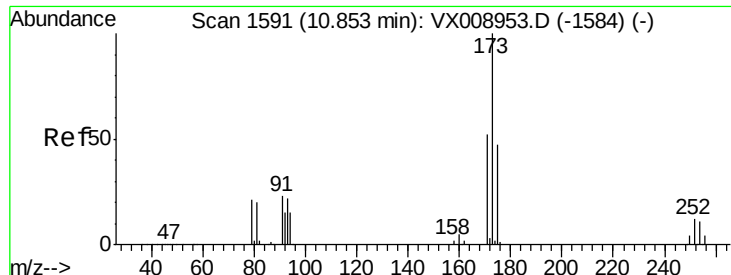


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->

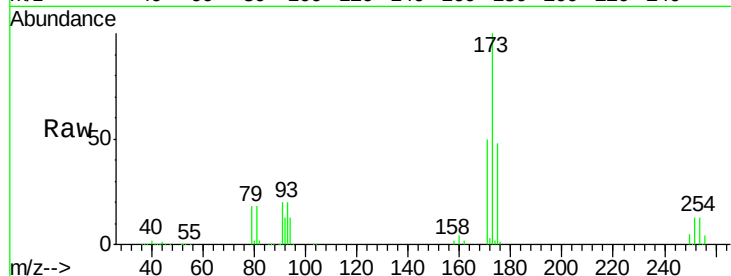




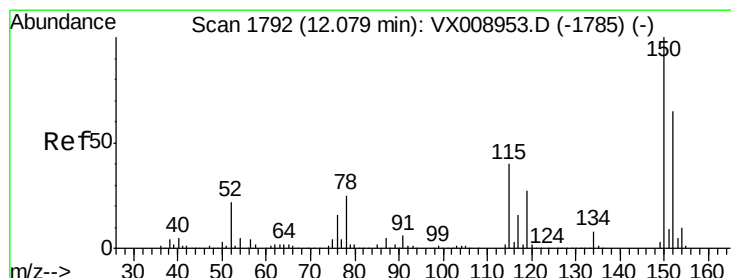
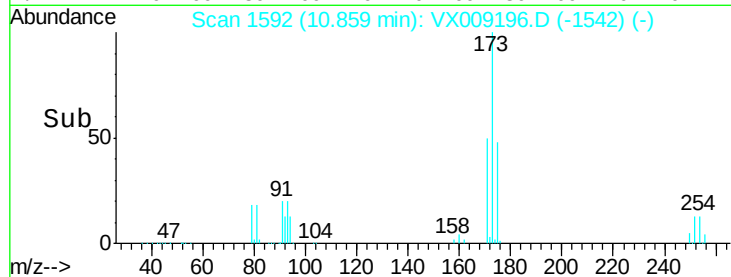
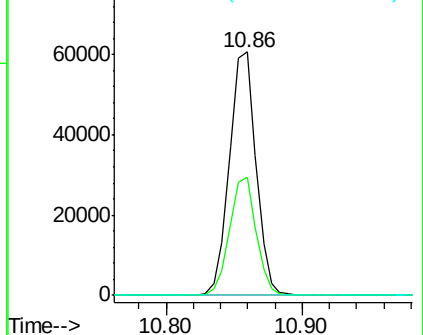
#71
Bromoform
Concen: 47.717 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 82705
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.2 0.2 0.4#

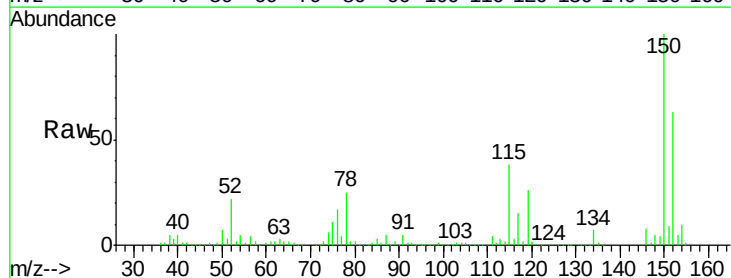


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

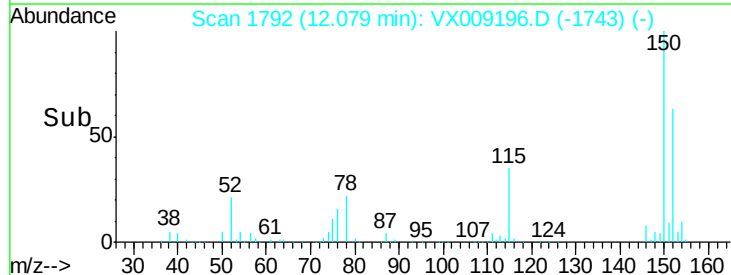
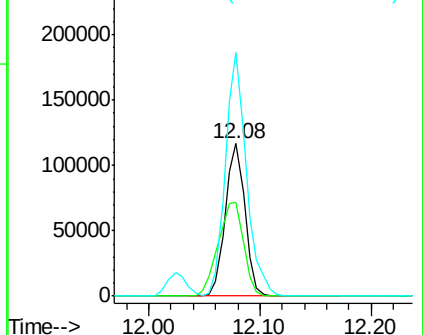


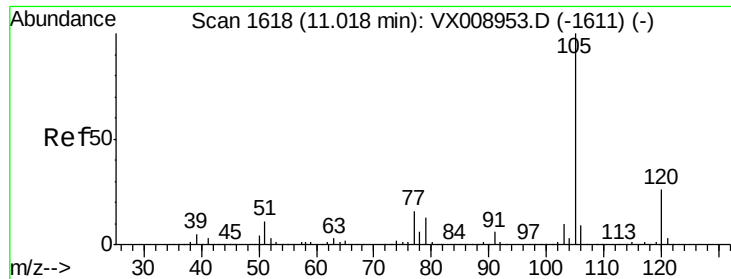
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion:152 Resp: 142041
Ion Ratio Lower Upper
152 100
115 79.7 41.4 124.2
150 171.3 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

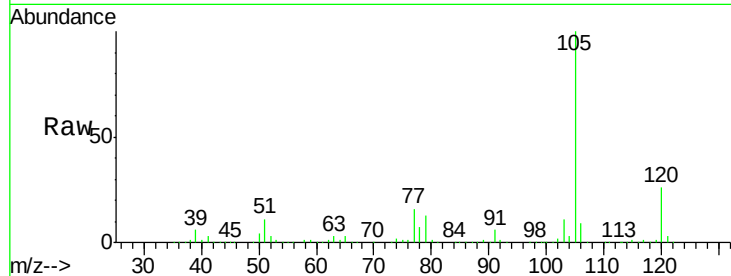
VSTDCCC050EC

Tot Ion:105 Resp: 483583

Ion Ratio Lower Upper

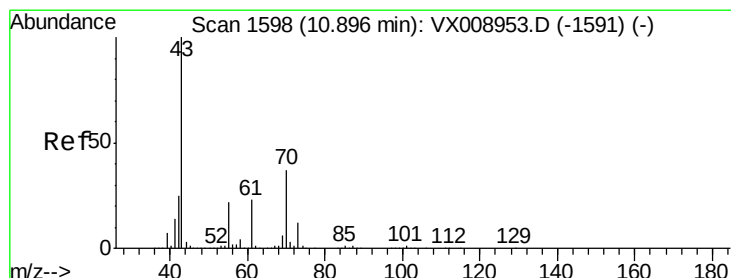
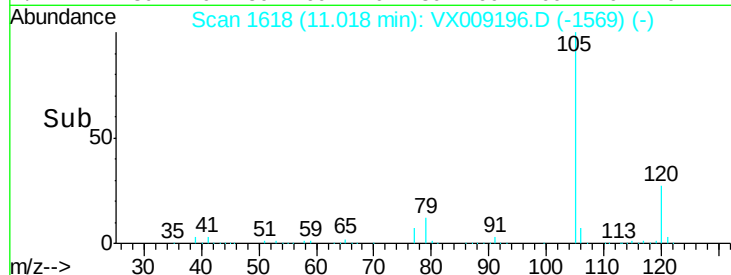
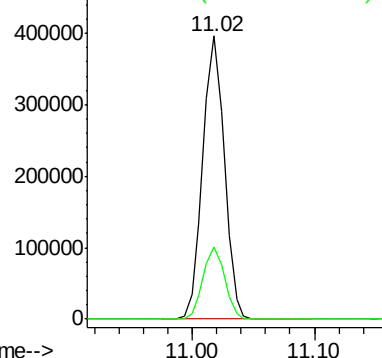
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.157 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion: 43 Resp: 303887

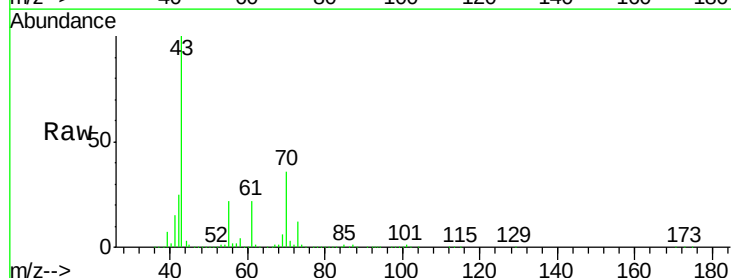
Ion Ratio Lower Upper

43 100

70 36.6 29.9 44.9

55 22.4 17.8 26.8

61 22.5 18.3 27.5

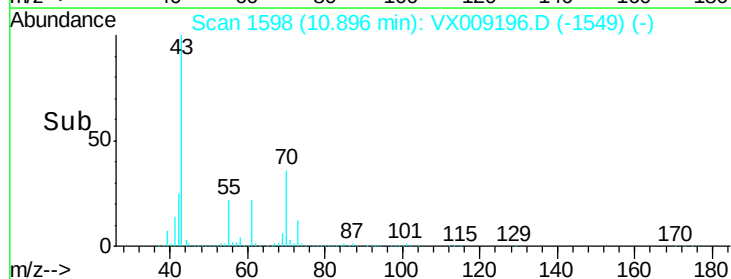
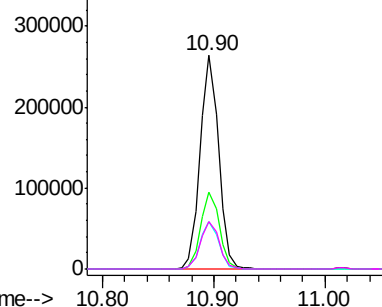


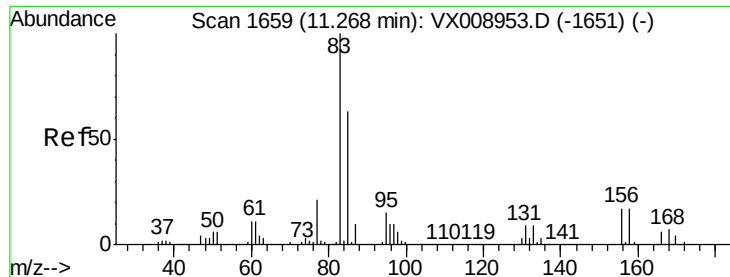
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.842 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

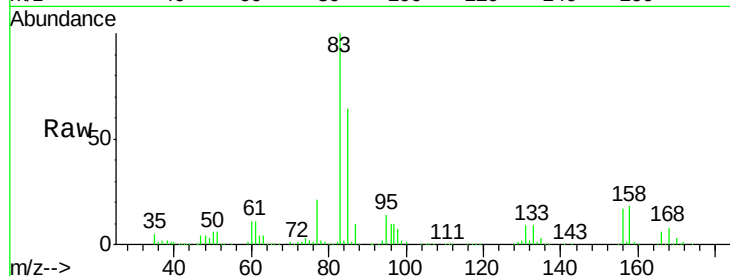
Tot Ion: 83 Resp: 184269

Ion Ratio Lower Upper

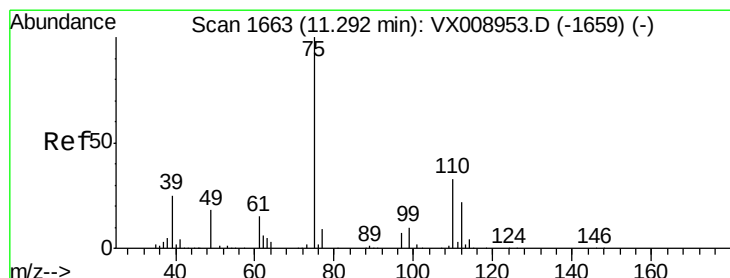
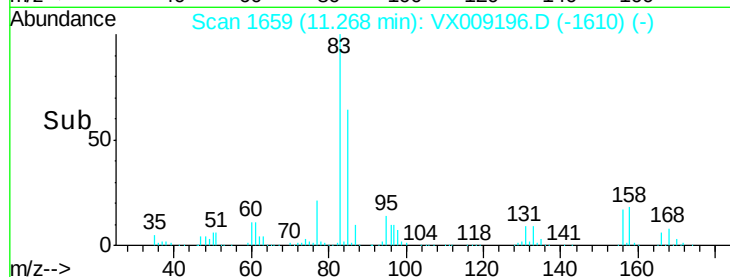
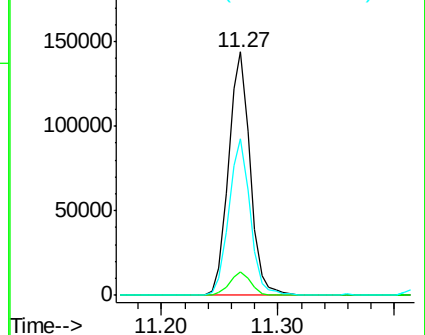
83 100

131 9.3 4.7 14.0

85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.775 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009196.D

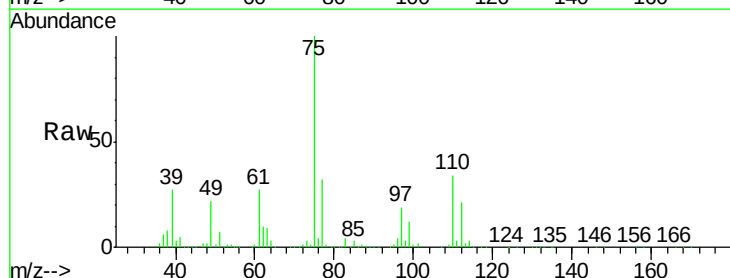
Acq: 26 Apr 2019 17:44

Tgt Ion: 75 Resp: 221194

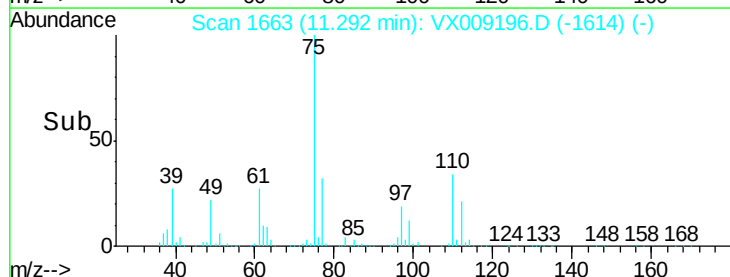
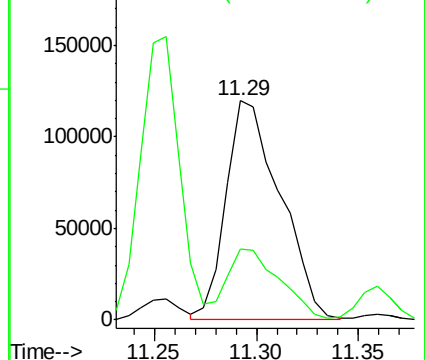
Ion Ratio Lower Upper

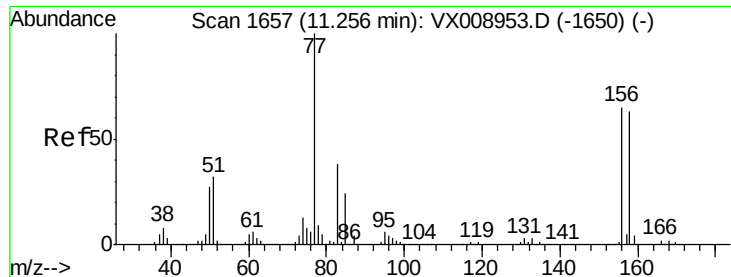
75 100

77 31.8 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.655 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

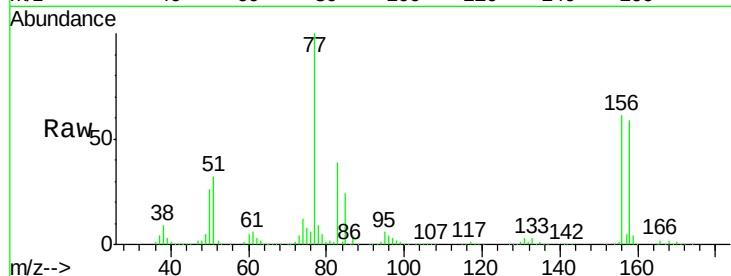
Tot Ion:156 Resp: 118587

Ion Ratio Lower Upper

156 100

77 172.6 85.4 256.1

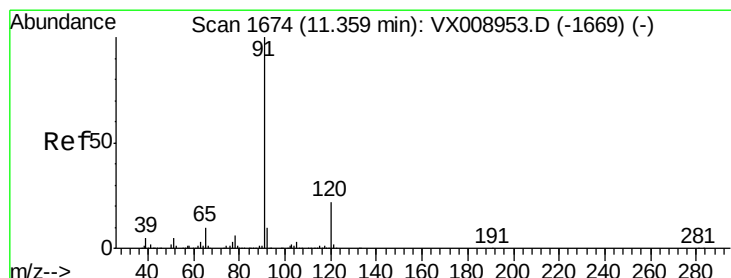
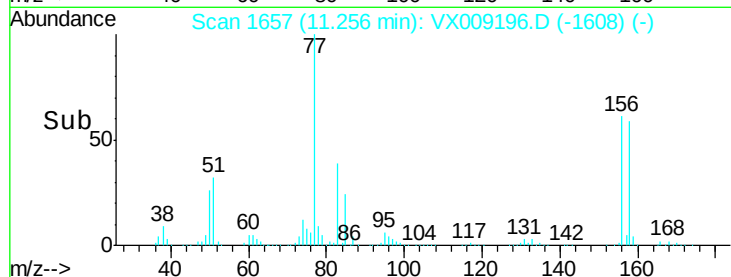
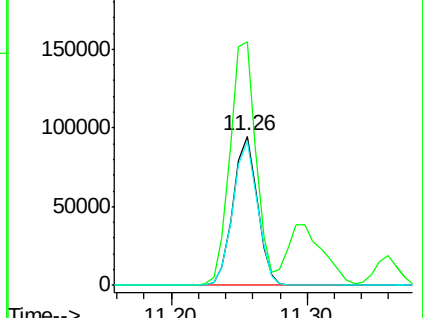
158 97.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009196.D

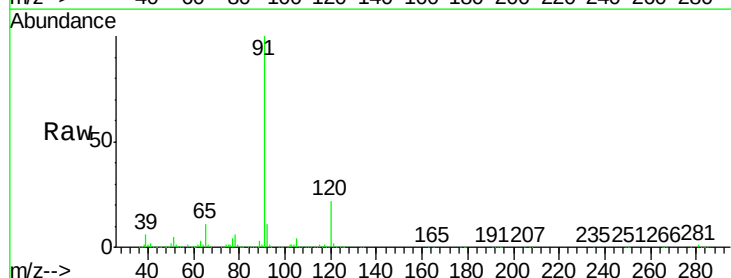
Acq: 26 Apr 2019 17:44

Tgt Ion: 91 Resp: 557075

Ion Ratio Lower Upper

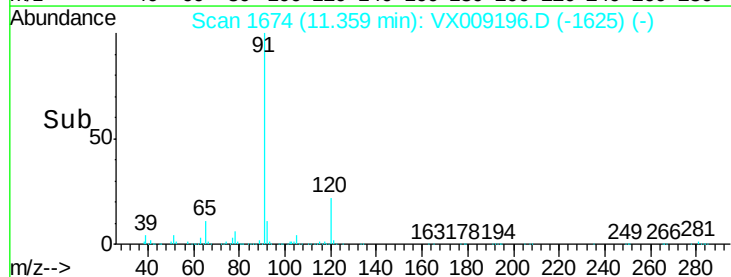
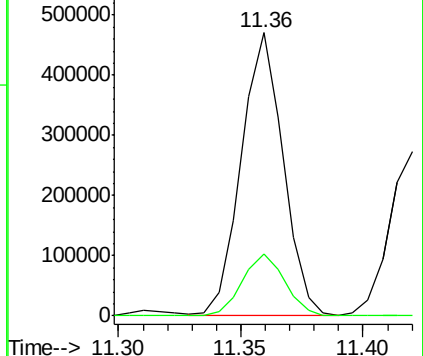
91 100

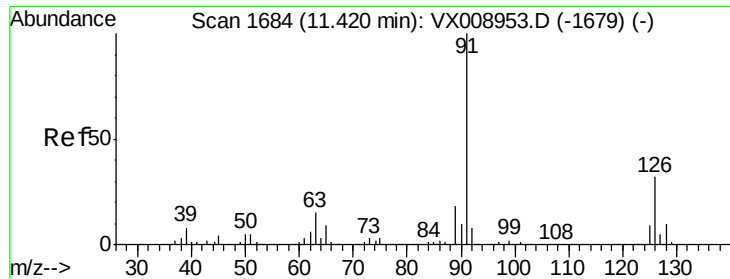
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.219 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

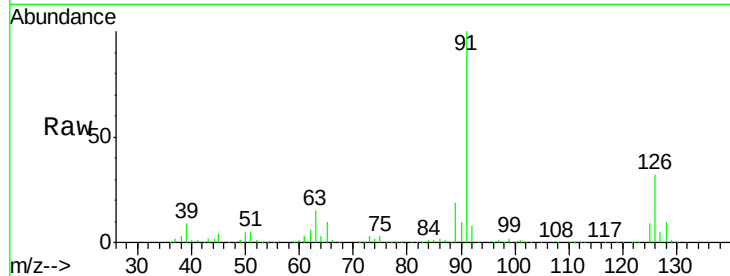
VSTDCCC050EC

Tot Ion: 91 Resp: 336735

Ion Ratio Lower Upper

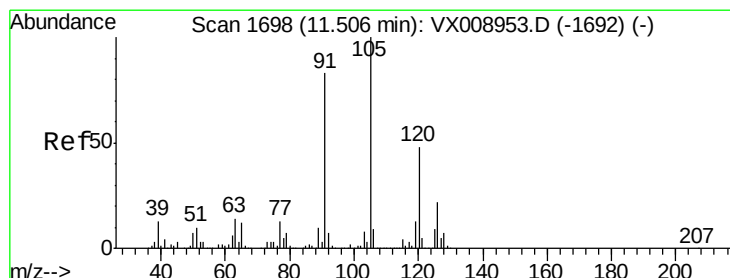
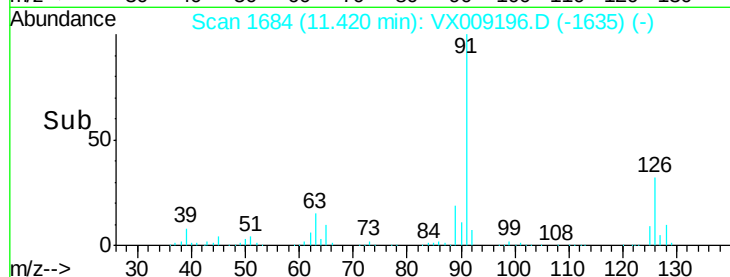
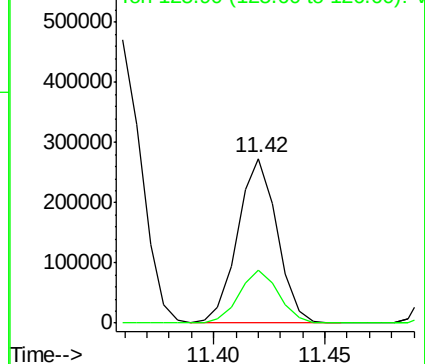
91 100

126 32.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.517 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009196.D

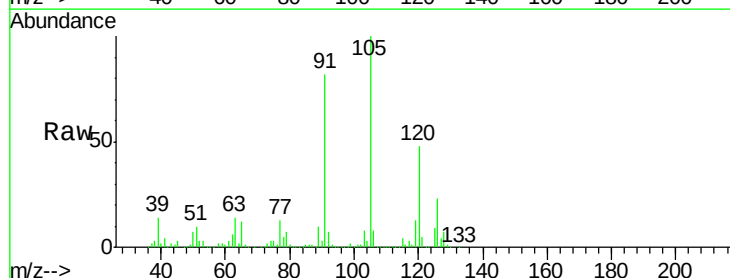
Acq: 26 Apr 2019 17:44

Tgt Ion: 105 Resp: 411238

Ion Ratio Lower Upper

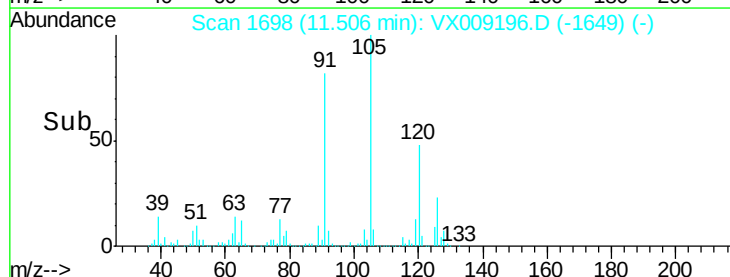
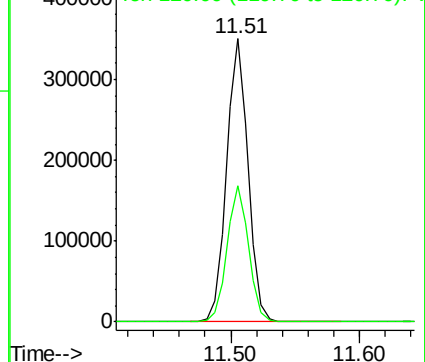
105 100

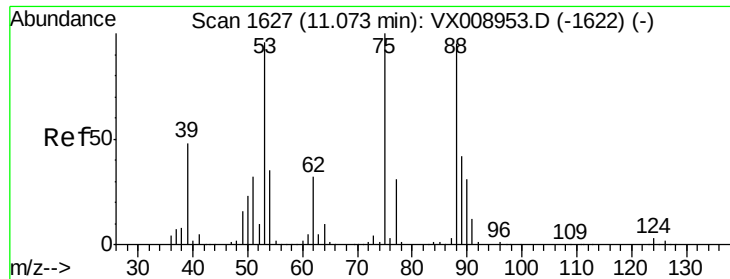
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

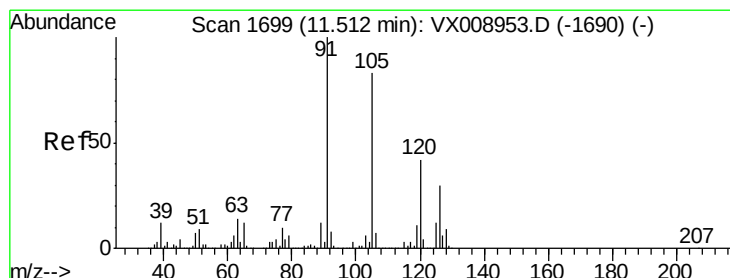
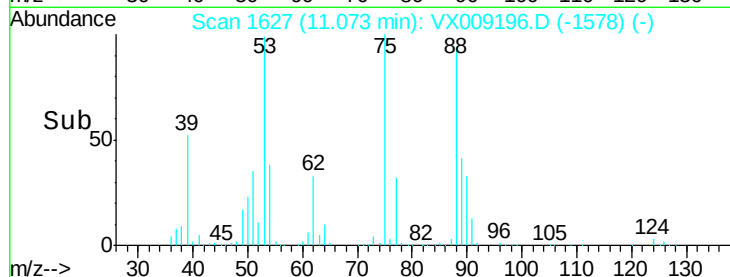
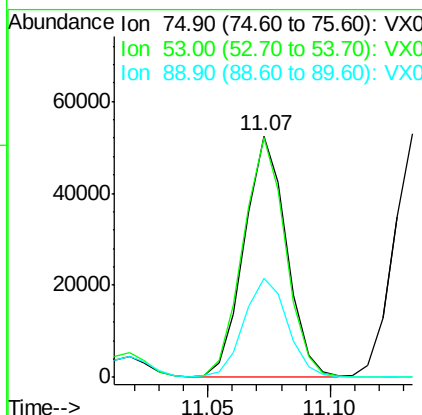
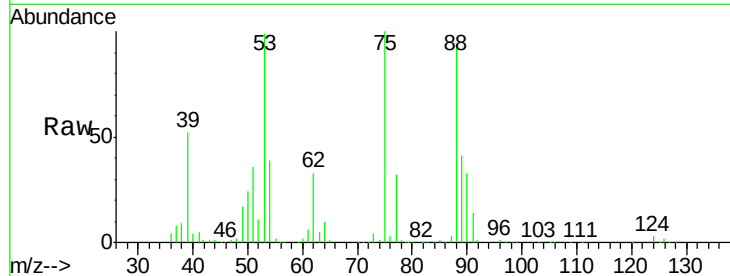




#81
trans-1,4-Dichloro-2-butene
Concen: 46.302 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

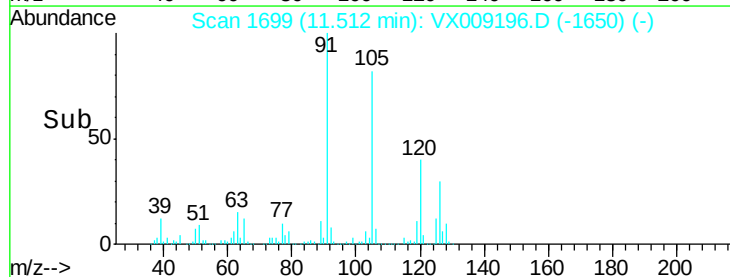
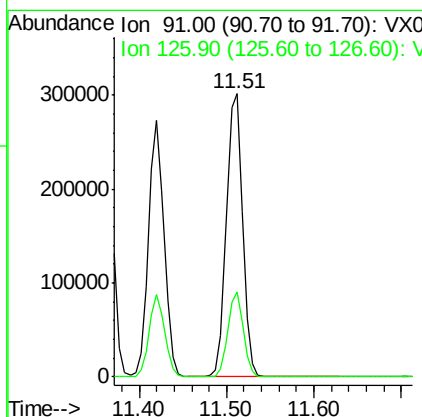
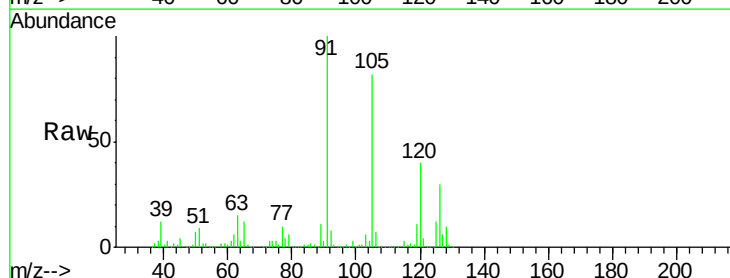
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

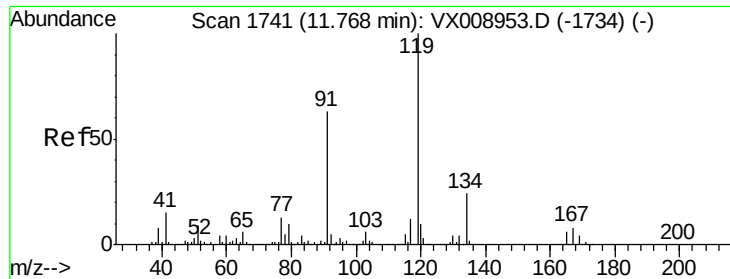
Tot Ion: 75 Resp: 62553
Ion Ratio Lower Upper
75 100
53 100.0 78.2 117.4
89 42.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 44.487 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 91 Resp: 384741
Ion Ratio Lower Upper
91 100
126 28.7 14.3 42.9

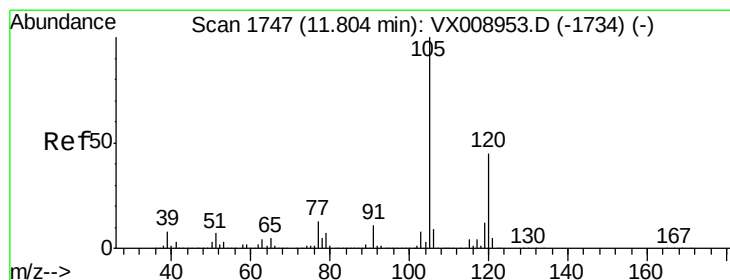
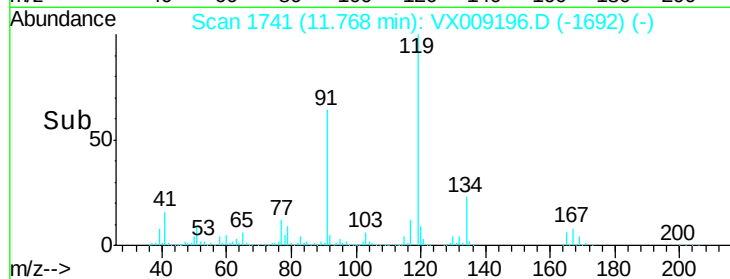
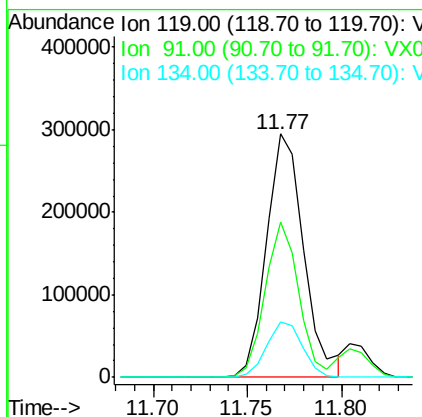
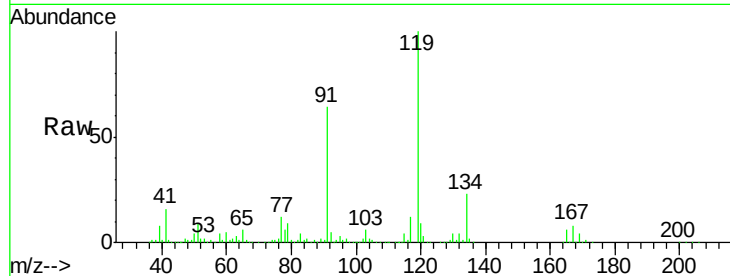




#83
 tert-Butylbenzene
 Concen: 46.646 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

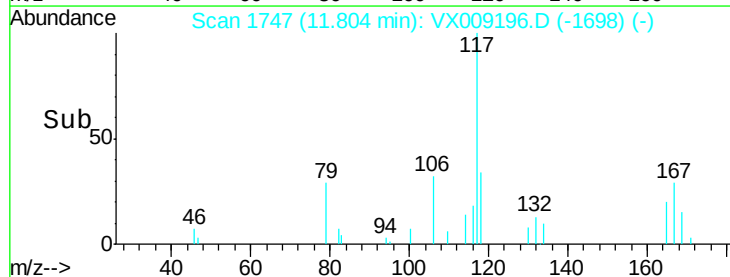
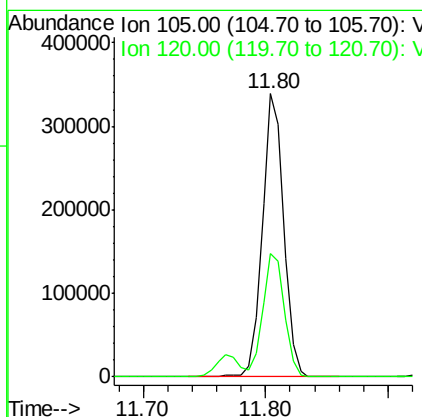
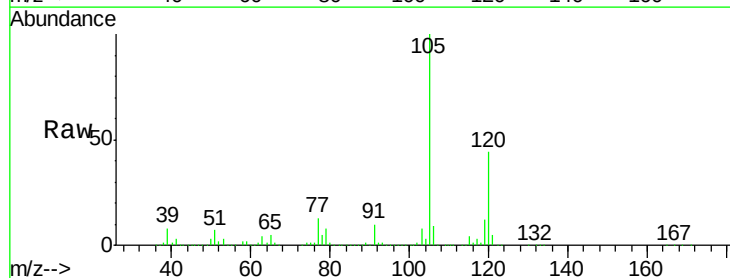
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

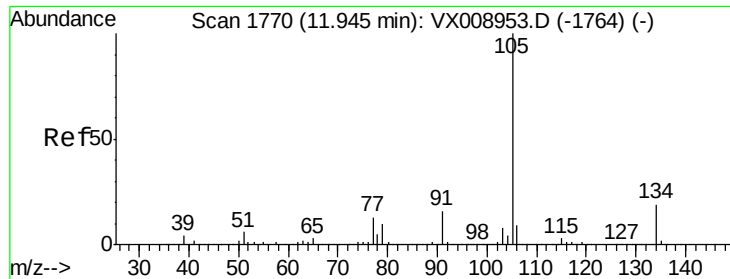
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	29.7	89.1
134	21.9	11.2	33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 44.953 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.8





#85

sec-Butylbenzene

Concen: 45.403 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

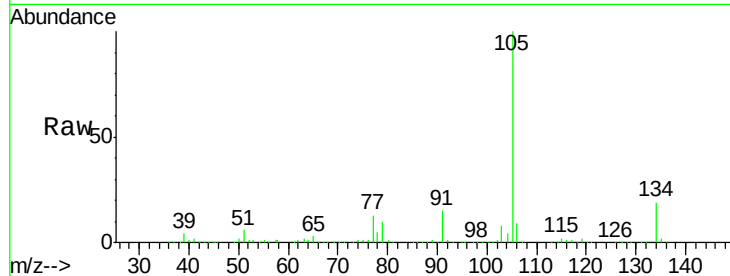
VSTDCCC050EC

Tot Ion:105 Resp: 469717

Ion Ratio Lower Upper

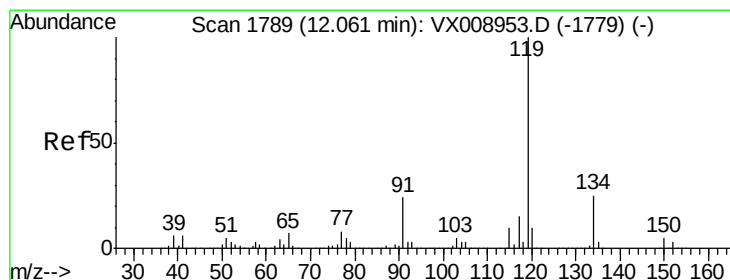
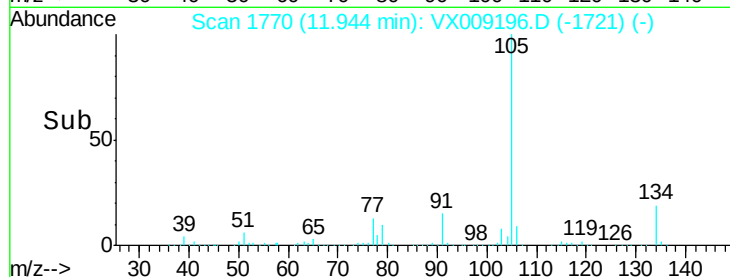
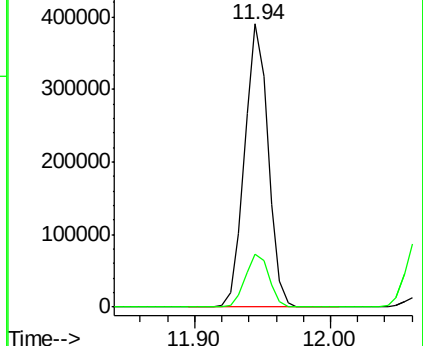
105 100

134 19.1 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.784 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

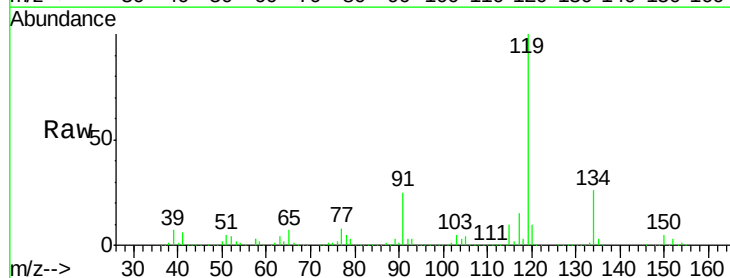
Tgt Ion:119 Resp: 425963

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

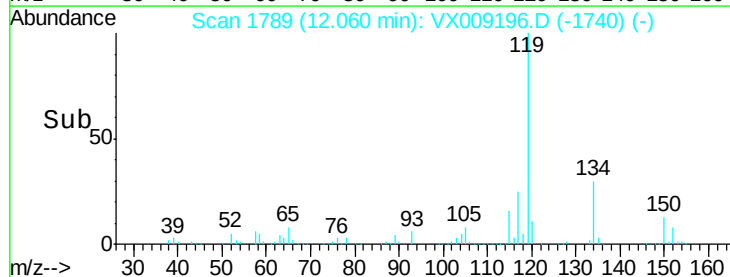
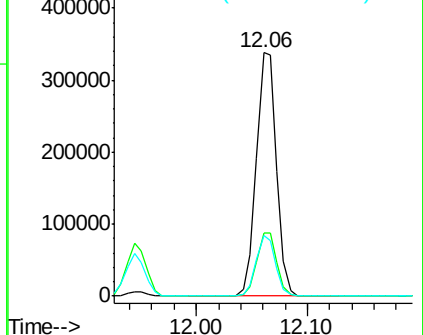
91 23.9 11.9 35.5

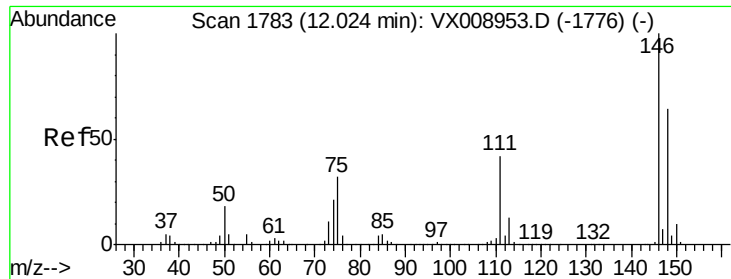


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

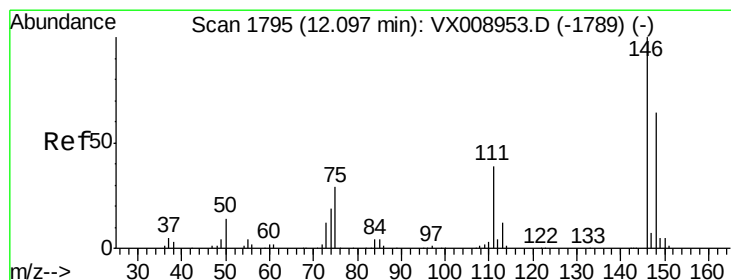
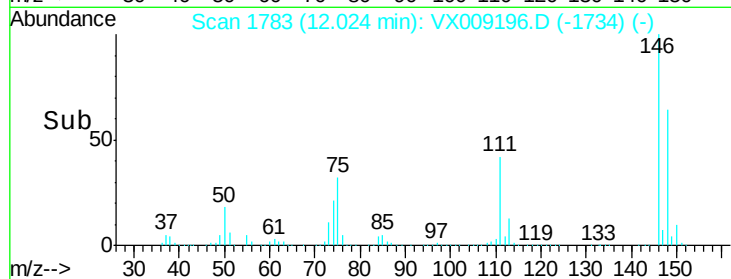
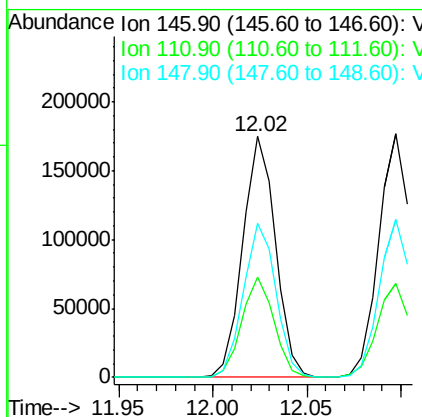
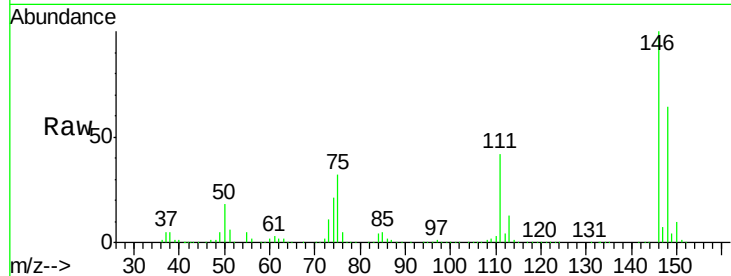




#87
 1,3-Dichlorobenzene
 Concen: 44.391 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

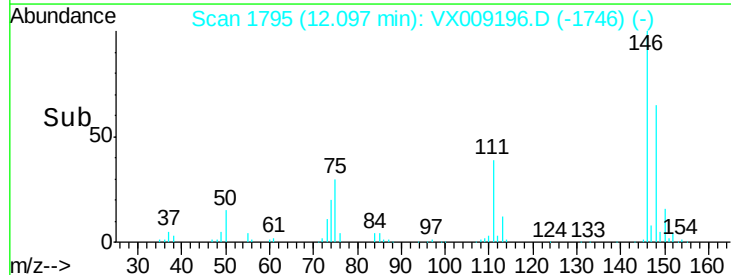
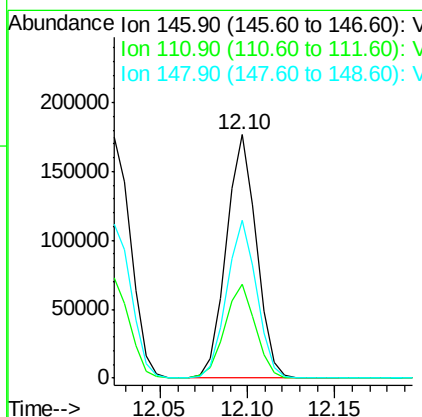
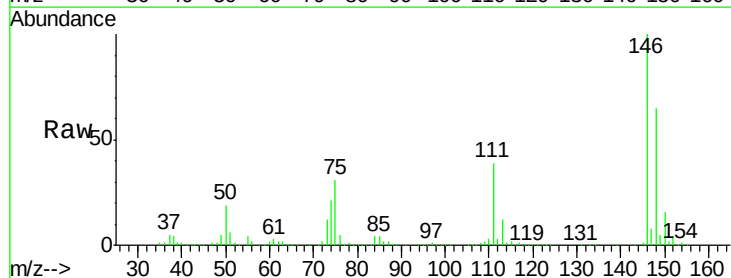
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

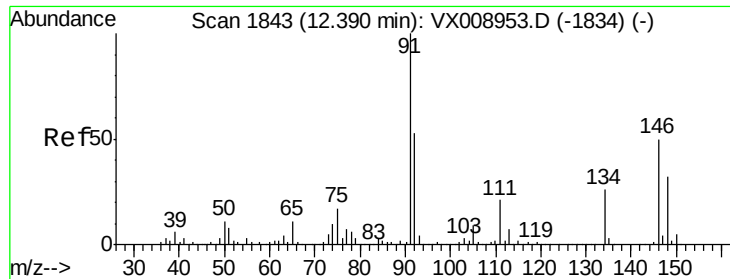
Tot Ion:146 Resp: 211056
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 43.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion:146 Resp: 210856
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 43.963 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

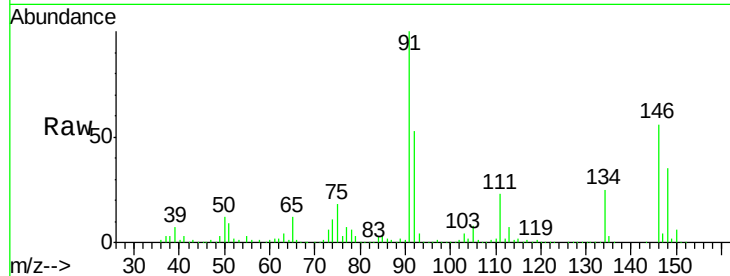
Tot Ion: 91 Resp: 389430

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.8

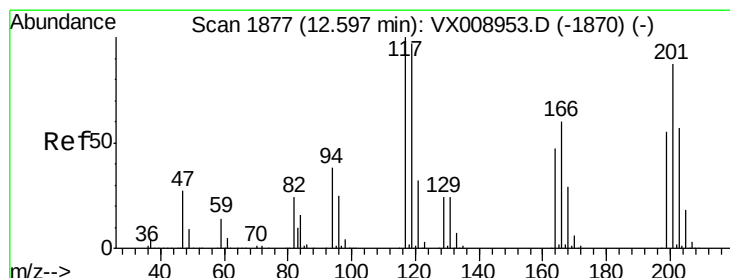
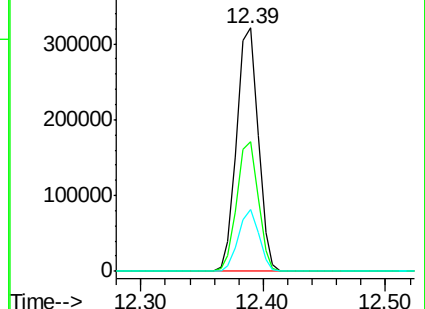
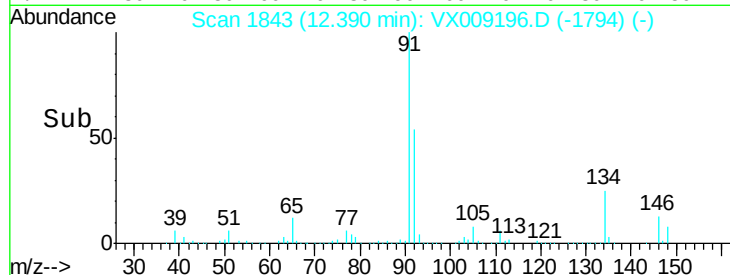
134 24.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)



#90

Hexachloroethane

Concen: 45.723 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009196.D

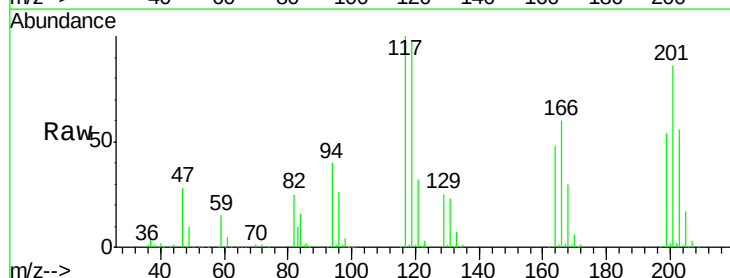
Acq: 26 Apr 2019 17:44

Tgt Ion: 117 Resp: 71737

Ion Ratio Lower Upper

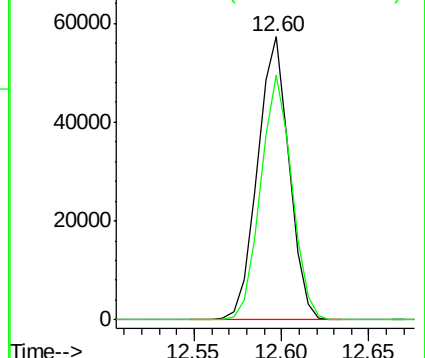
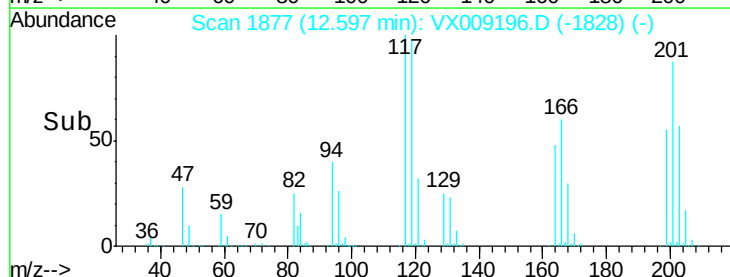
117 100

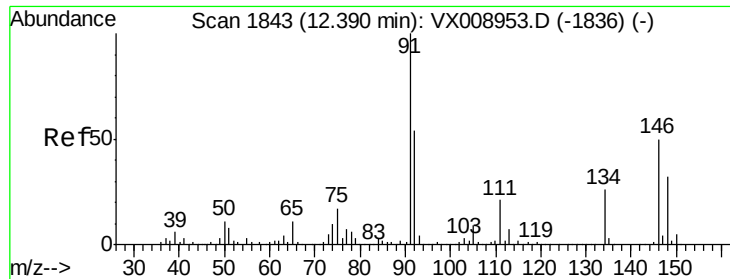
201 85.2 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)

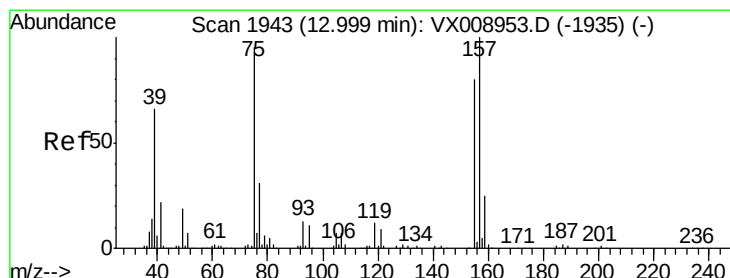
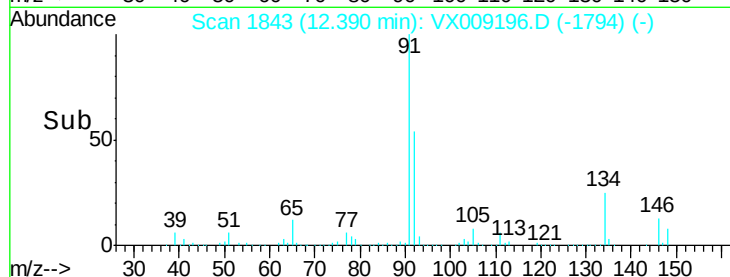
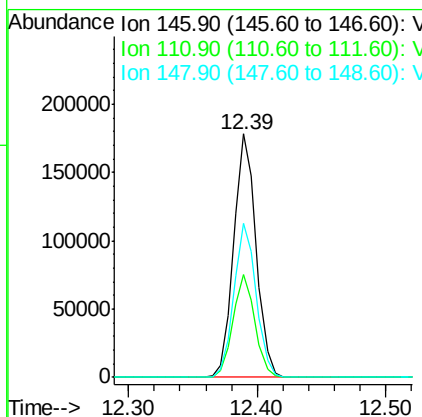
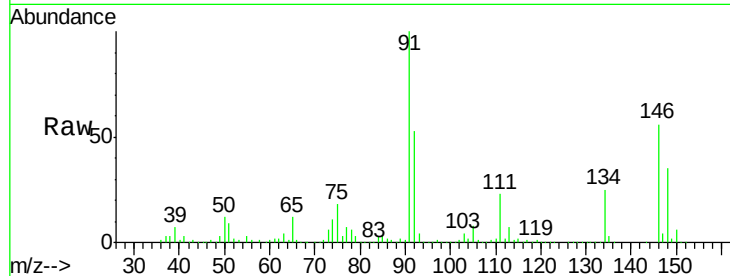




#91
 1,2-Dichlorobenzene
 Concen: 46.052 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

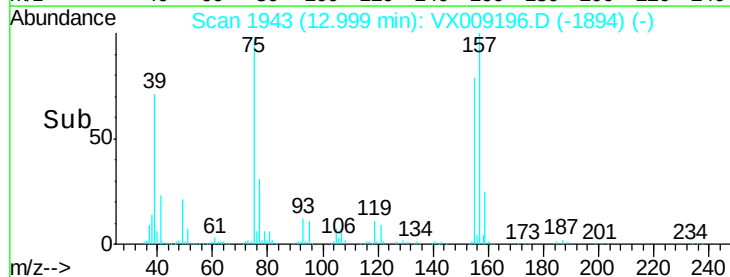
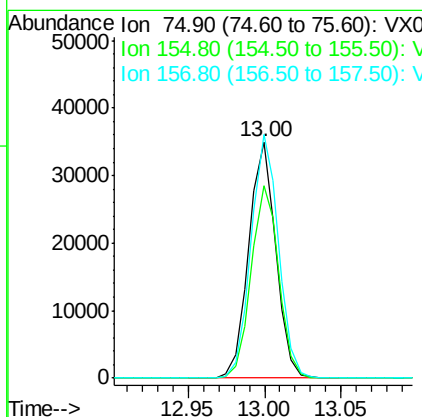
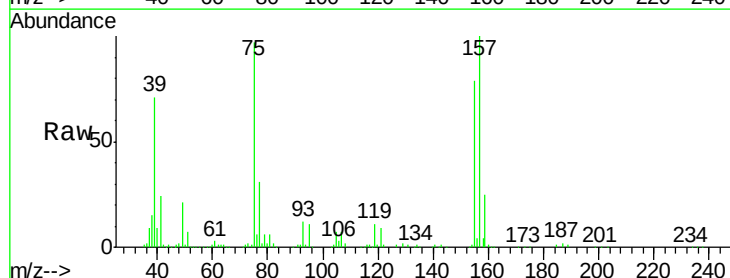
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

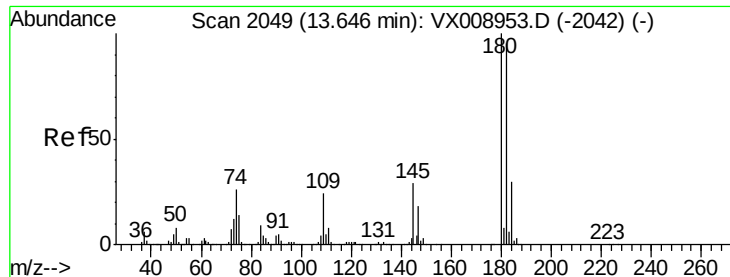
Tot Ion:146 Resp: 216207
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.9
 148 63.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.961 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 75 Resp: 42958
 Ion Ratio Lower Upper
 75 100
 155 82.4 41.2 123.6
 157 104.8 52.5 157.6

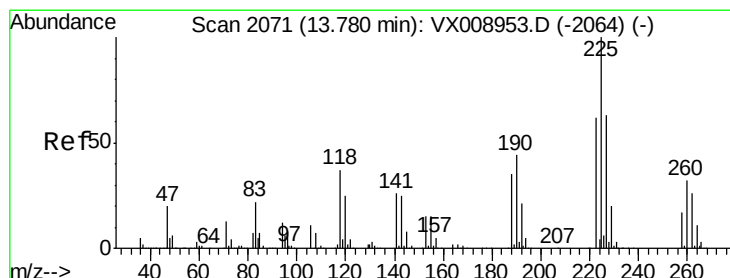
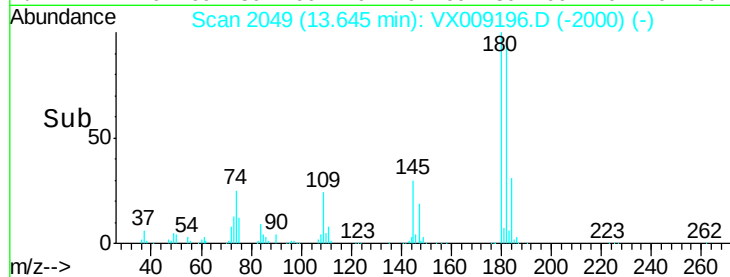
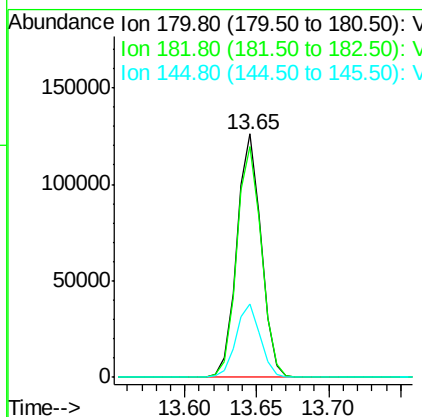
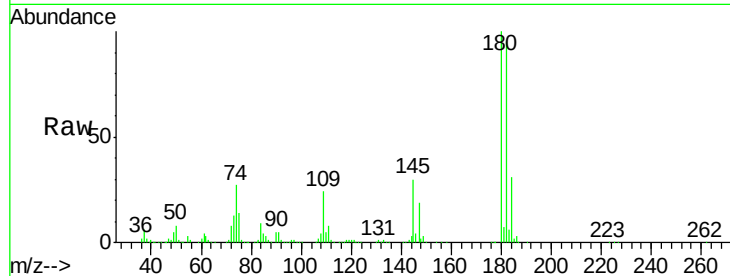




#93
 1,2,4-Trichlorobenzene
 Concen: 43.775 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

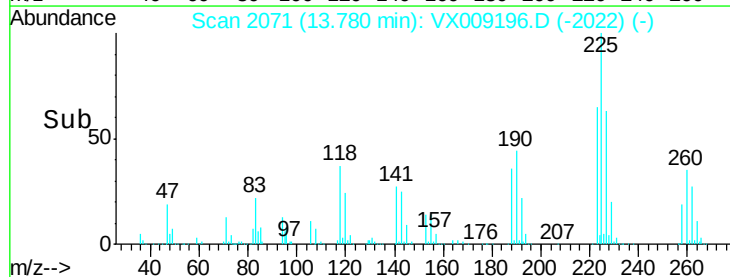
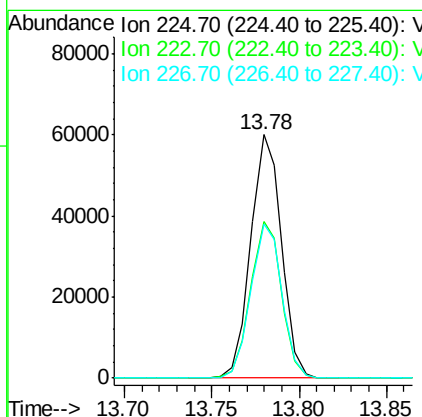
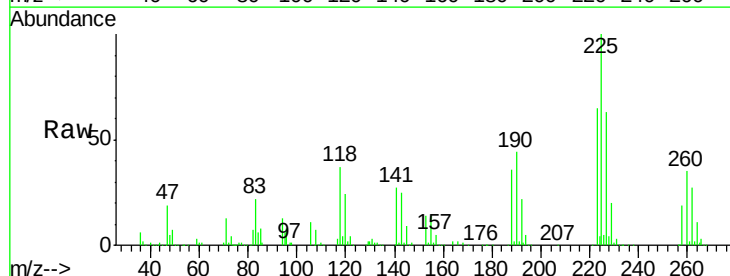
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

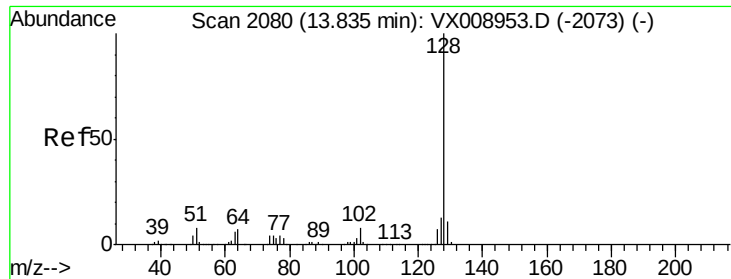
Tot Ion:180 Resp: 148355
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 30.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 43.566 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion:225 Resp: 73639
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.1 93.2
 227 64.0 32.0 96.2

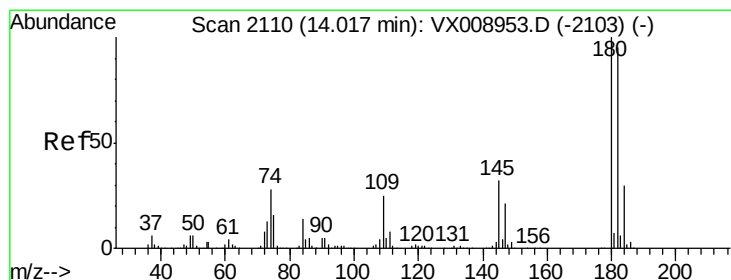
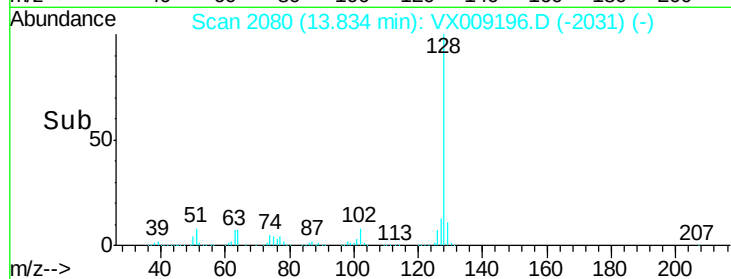
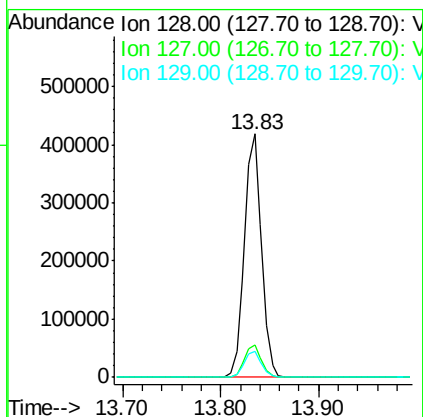
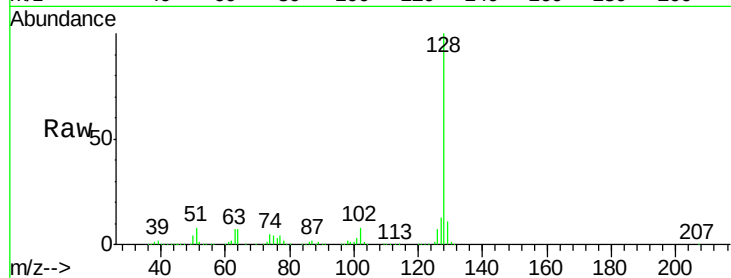




#95
Naphthalene
Concen: 46.625 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 506256
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.231 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion:180 Resp: 151249
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.4
145 31.2 15.8 47.3

